

BOWKER, 1681.

AN
ALMANACK

FOR THE

Year of our Lord God, 1681.

BEING

The First after the *Bissextile or Leap-year.*

Containing the Motions of the Sun, Moon

Planets; and Fixed Stars, the Aspects of the
Planets, and inclination of the Air.

The time of High-water at *London bridge*
every day in the Year: And also in 55 other
Ports and Havens about ENGLAND.

WITH

A BRIEF CHRONOLOGY in a New

Mode; and divers other necessary Rules, Ta-
bles and Directions, pertinent to the com-
pleating of a *Diary*, or *Day-Book*, suitable
to all Mens Occasions.

Adjusted properly for the Meridian of London

But may generally serve the two Famous Islands of
GREAT-BRITAIN and IRELAND

By JAMES BOWKER Astrophil.

LONDON, Printed by J. Jones for the
Company of STATIONERS. 1681.



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The Common Notes and Moveable Feasts for this
Year 1681, according to the Accounts

Julian, or English.	Gregorian, or Foreign.
10	The Golden Number
20	The Epact
23	The Paschal Letter
10	The Circle of the Sun
Feb. 13	Shrove-Sunday
April 3	Easter-day
May 8	Rogation Sunday
May 12	Ascension day
May 22	Whitsunday
May 29	Trinity-Sunday
Novem. 27	Advent Sunday
	16 Febr.
	6 April
	11 May
	15 May
	25 May
	2 June
	30 November

No Marriage without a Licence.

The beginning of the Year till January 14.
From Sptuagefima to Shrove Sunday.
Rogation Sunday to Trinity Sunday,
Advent Sunday to the end of the Year.

VENUS Is an Evening Star till the Eighteenth of June, and from thence a Morning Star to the End of the Year.

The

The
Return

Ociab.
Quind.
Craft P.
Ozab.

Quinq.
Tef. Pa.
Maf. Pa.
Quinq.
Craft. A.

C. T.
Ociab. T.
Quind. T.
Tef. T in

L. f. Mac.
Maf. Mac.
Craft. An.
Craft. Ma.
Ozab. Ma.
Quind. Ma.

The Exch

Goose
And Fo
Who (f
And in
Fool

The Beginning, Ending, and Returns of the Terms

Return Days, or Days of Festyn.	Days of Excess.	Term of Brevium	Days of Appearance
Hilary-Term begins Friday 24, and ends Friday 31.			
O'lab. Hill.	Febr. 20	21	22
Quind. Hill.	Febr. 27	28	29
Craft Purif.	Febr. 3	4	5
O'lab. Purif.	Feb. 10	11	12

Easter-Term begins April 20, ends May 16.

Quinq. Pasch.	April 18	19	19	20
Tes. Pasch.	April 25	25	25	28
Mas. Pasch.	May 2	3	4	5
Quinq. Pasch.	May 9	10	11	12
Craft. Ascens.	May 13	14	16	15

Trinity-Term begins June 3, ends June 12.

Cat. Trin.	May 30	31	June 1	3
O'lab. Trin.	June 6	7	8	9
Quind. Trin.	June 13	14	15	16
Tes. Trin.	June 20	21	22	22

Michaelmas-Term begins October 24, ends Nov. 23.

I. J. Mich.	Octob. 20	21	22	24
Mas. Mich.	Octob. 27	28	27	31
Craft. Atrim.	Nov. 3	4	5	7
Craft. Mart.	Nov. 14	14	15	16
O'lab. Mart.	Nov. 21	22	23	23
Quind. Mart.	Nov. 28	28	28	28

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days.

Goose goes to Law for Couns'ln Ganders Land,
And Fox the Lawyer tak's the Caus'e in hand:
Who (for his Counsel) taketh Fees of either,
And in the end leaves neither worth a Feather.

Now comes the Term, and Judgment must proceed,
Fools they fell out, and Beggars they agreed.

A Table shewing the time of High-water
in all the Ports below-mentioned.

Hours and Minutes to be added.			The Name of the Ports.		
Ho.	M.		Ho.	M.	
1	0	49	Q	ueentorough, Southampton, Portsmouth	0
2	1	38	Rochester, Maldon, Blacktail,	0	45
3	3	26	Gravesend, Dover, Blackness, Silly,	1	30
4	3	15	Dundee, St. Andrews, Lisbon, Lucas,	2	15
5	4	5	London, Tinnmouth, Amsterdam, Rotterdam,	3	0
6	4	53	Barwick, Flushing, Flamborough,	3	45
7	5	41	Baltamoor, Corke, Severn, Callice,	4	30
8	6	30	Falmouth, Humber, New-Castle,	5	15
9	7	19	Plimouth, Hull, Lin, St. Davids,	6	0
10	8	8	Bristol, Start-point, Waterford,	6	45
11	8	56	Milford, Bridgwater, Lands-end,	7	30
12	9	45	Portland, Hartflew, Dublin,	8	15
13	10	34	Pool, Isle of Man, Dunbar, Diepa,	9	0
14	11	23	Needles, Orford, South and N. Foselands.	9	45
15	12	11	Yarmouth, Dover, Harwich,	10	30
16	0	0	Rie. Wnchelsey, Colshot.	11	15

The Moon's Age.

In the Table following, you have the Moons age every day of the year; which being known, seek the Moons age in this Table, and see what hours and minutes stand against it, those hours and minutes being added to the hours and minutes which stand against the name of the place you would know the time of High-water at, will give you the time of High-water at that place.

Example.

If you would know what time it will be High-water at Gravesend upon the 1 of January, look in the following Table, and against the 1 of January, you shall find the Moon is 10 days old: wherefore find 10 day in this Table under (Moons age) and against it you shall find 8 h 8 m which being added to 1 h. 30 m. (the hours and minutes standing against Gravesend) the sum is 9 h. 38 m. at which time it will be High-water at Gravesend on the 12 of January afternoon. But if the hours and minutes added together exceed 12 hours, you must cast away 12 hours, and the sum of High-water will remain. So on the 18 of January, the Moon being 1 days old, the hours and minutes against 9 days old are 9 h. 19 m. when added to 10 h. 30 m. (the hours and minutes standing against Dover) make 19 h. 49 m. from which take 12 h. and there remains 5 h. 49 m. at which time it will be High-water at Dover the 18 of January.

Within the narrow confines of this Page,
 You have (for every day) fair Cynthia's Age;
 Which had, in fifty five Ports, it decrees
 Tb^o alternate motion of the restless Seas.

A Table of the Mons Age.

Ja.	Fe	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
1	22	23	21	23	23	25	25	27	29	1	1
2	23	24	22	24	24	26	26	28	1	2	2
3	24	25	23	25	25	27	27	28	2	3	3
4	25	26	24	25	25	28	28	1	2	4	4
5	26	27	25	27	27	29	28	2	3	5	5
6	27	28	26	28	28	29	1	3	4	6	6
7	28	29	27	29	29	1	2	4	5	7	7
8	29	1	28	1	1	2	3	5	6	8	8
9	1	2	1	2	3	4	5	6	7	9	9
10	1	2	2	3	4	5	6	7	8	10	10
11	2	3	3	4	5	6	7	8	9	11	11
12	3	4	3	4	5	6	7	8	10	12	12
13	4	5	4	5	6	7	8	9	11	13	13
14	5	6	5	6	7	8	9	10	12	14	14
15	6	7	6	7	8	9	10	11	13	15	15
16	7	8	7	8	9	10	11	12	14	16	16
17	8	9	8	9	10	11	12	13	15	17	17
18	9	10	9	10	11	12	13	14	16	18	18
19	10	11	10	11	12	13	14	15	17	19	19
20	11	12	11	12	13	14	15	16	18	20	20
21	12	13	12	13	14	15	16	17	19	21	21
22	13	14	13	14	15	16	17	18	20	22	22
23	14	15	14	15	16	17	18	19	21	23	23
24	15	16	15	16	17	18	19	20	22	24	24
25	16	17	16	17	18	19	20	21	23	25	25
26	17	18	17	18	19	20	21	22	24	26	26
27	18	19	18	19	20	21	22	23	25	27	27
28	19	20	19	20	21	22	23	24	26	28	28
29	20	21	20	21	22	23	24	25	27	29	29
30	21	22	21	22	23	24	25	27	28	1	1
31	22	22	22	22	24	24	26	28	28	1	1

A Compendious CHRONOLOGY.

Since	ALL things were of G O D created good	5630
	Noah ascends the <i>Ark</i> t' avoid the <i>Flood</i>	3944
	G O D the Promise made to <i>Abraham</i>	2608
	Th' <i>Israelites</i> from <i>Egypt</i> Bondage came	376
	<i>Solomon</i> the <i>Temple</i> finished	2691
	King <i>Sedechias</i> was a <i>Captive</i> led	2271
	J E S U S was of th' Blessed <i>Virgin</i> born	1081
	For <i>Mans Sin</i> he suffer'd <i>Death</i> and <i>Scorn</i>	1658
	First the <i>Saxons</i> stept on <i>English</i> ground	1126
	Here the <i>Danes</i> the like advantage found	849
	<i>Norman William</i> <i>Britain</i> over-power'd	615
	<i>Maud</i> the <i>English-Saxon</i> Blood restor'd	577
	Second <i>Henry Ireland</i> first assai'd	508
	Our First <i>Edward</i> hence the <i>Jews</i> expell'd	390
	<i>Tyler</i> fain would have the <i>Throne</i> ascended	299
	He his <i>Life</i> with his <i>Rebellion</i> ended	299
	<i>Guns</i> (those Mortal Engins) first were found	301
	<i>Printing</i> made the world with Books abound	238
	<i>Philip</i> of <i>Spain</i> did with <i>Queen Mary</i> marry	127
	<i>Coaches</i> were invented men to carry	126
	Lightning last consum'd S, <i>Paul's</i> high <i>Spire</i>	120
	All the <i>Heavens</i> appeared on a <i>Fire</i>	107
	<i>Percy</i> and g.eat <i>Nevil's</i> <i>Insurrection</i>	112
	<i>Gresham Colledge</i> and th' <i>Exchange</i> erection	110
	<i>Drake</i> surrounded this our <i>Globe</i> of strife	104
	<i>Pious Gresham</i> did exchange this <i>Life</i>	102
	Saint <i>Domingo Ransack'd</i> was by <i>Drake</i>	96
	Then the <i>Spaniards</i> did (not fight) but quake	96
	Boasting <i>Spains Armado</i> over hrown	93
	That <i>Tobacco</i> was in <i>England</i> known	88
	<i>Cates</i> was from the <i>Spaniards</i> stoutly torn	85
	C H A R L E S the First was at <i>Dunfermlin</i> born	81
	J A M E S of <i>Scotland</i> the <i>English</i> Crown possesst	79
	He th' Allegiance Oath upon us preſt	76

Since

5630	Fate reveal'd the Hellish Powder Plot	76
3944	We rejoyc'd that it succeeded not	75
2608	A Great Plague on <i>London</i> Heaven sent	56
3 76	Then at <i>Oxford</i> sat the Parliament	56
2691	That the Duke of <i>Buckingham</i> was slain	53
2 271	<i>England</i> did conclude a Peace with <i>Spain</i>	52
1581	Our Dread Sovereign first breath'd <i>Richmond</i> air	51
1658	Bishop <i>Laud</i> began <i>S. Paul's</i> Repair	47
126	<i>Charles</i> the First advanc'd against the <i>Scots</i>	42
849	The <i>Lord Stafford</i> stooped to the Block	40
615	<i>Charles</i> his Royal Standard streaming stood	39
577	<i>Kensington</i> Field was dy'd with English Blood	39
508	Reverend <i>Laud</i> unto the Block did bow	37
390	<i>Naseby</i> Field first own'd that fatal blow	36
299	<i>Charles</i> the First left <i>Oxford</i> in disguise	35
299	He unto the <i>Scots</i> became a Prize	35
301	Martyr'd <i>Charles</i> receiv'd his fatal doom	33
3 8	The Rump Voted Kingship burthensome	33
127	<i>Cromwell</i> did Protectorship usurp	29
126	In a Whirlwind he was taken up	22
20	Into <i>London</i> General <i>Monk</i> did come	22
67	The secluded Members he brought home	21
12	<i>Charles</i> the Second's coming to <i>White-Hall</i>	21
10	Forthwith he a Parliament did call	21
94	That the horrid Regicides were Try'd	21
92	They at <i>Charing-Cross</i> most justly dy'd	21
96	There appear'd three Comets in the Sky	16
96	That the <i>English</i> made the <i>Dutch</i> Ships fly	16
96	<i>London</i> 's last great Plague or Visitation	16
96	<i>Holland</i> thrice beat by the <i>English</i> Nation	16
96	(For our Sins) God in his dreadful ire	16
8	<i>London</i> consumed by a dismal Fire	15
5	By his Providence Omnipotent	10
1	Restor'd and built far more Magnificent	8
1	Peace agreed 'twixt <i>English</i> and the <i>Dutch</i>	8
1	The shrill Trumpet nois'd it to be such	8

January hath XXI. days.

☽ Last quarter the 1 day, 18 m. past 4 in the Afternoon;
 ☽ New Moon the 9 day, 52 min. after 7 at night.
 ☽ First quarter the 17 day, 25 min. past 5 in the morning.
 ☽ Full Moon the 23 day, 6 min. after 10 at night.
 ☽ Last quarter the 31 day, 27 m. past 12 at noon.

Beware of Cold, to Bath or Bleed take heed,
A good warm Coat this Month thy Back will need.

1	8	Chionophorus	22	28	5	20	24	h	19.17	☽	1	8
2	8	Ostav. Steph.	23	6	2	m	27	☽	6.56	II	The Month	8
3	7	Meliorus	24	8	14	21	♂	23.54	☽			7
4	7	Croniack	25	9	26	8	♀	26.47	☽			7
5	7	Ed. Confessor	26	10	8	I	♀	3.45	☽			7
6	7	Emphes	27	11	19	48	h	18.52	☽			7
7	7	Ced. B. Lond.	28	12	1	☽	30	☽	6.36	II		7
8	7	Will. B. York	29	14	14	I	♂	24.32	☽	♂	♀	7
9	7	1st Epiph.	0	15	26	22	♀	2.57	☽			7
10	7	Paul Erem.	1	16	8	☽	57	♀	4.54	☽	Cold and	7
11	7	Hyginus P.M.	2	17	21	45	h	18.27	☽	Frosty	7	
12	7	Archadius	3	18	4	☽	46	☽	6.19	II	♂ ♀ ☉	7
13	7	Rheinoldus	4	19	17	54	♂	24.42	☽	☽	☽	7
14	7	Hillary B.	5	20	1	☽	17	♀	9.7	☽	♂ ♂ ☉	7
15	7	Mauritius	6	21	4	47	☽	8.56	☽	☽	☽	7
16	7	2nd Epiph.	7	22	8	32	h	18.2	☽	Rain, Snow,	7	
17	7	Anthony Ab.	8	23	28	26	☽	6.9	II	or Sleet.	7	
18	7	Cath. Pet.	9	24	6	33	♂	24.29	☽			7
19	7	Woislannus	10	25	5	49	♀	15.15	☽			7
20	7	Fab. & Seb.	11	26	15	18	☽	14.20	☽	♂ ☉		7
21	7	Agnes V.	12	27	1	55	h	17.41	☽	♂ h ☉		7
22	7	Vincent	13	28	2	·	☽	6.5	II	♂ h ☉		7
23	7	3rd Epiph.	14	29	8	☽	46	♂	23.59	☽	Cold Rain.	7
24	7	C. - - - - -	15	30	22	56	♀	21.20	☽			7
25	7	C. - - - - -	16	30	6	m	47	☽	21.2	☽		7
26	7	Polycarpes	17	31	20	18	h	17.21	☽	♂ ♂ ☉		7
27	7	Chrysostom.	18	32	3	23	☽	6.4	II			7
28	7	Carol. Mag.	19	33	15	55	♂	2.18	☽	Cold Air		7
29	7	Gildas	20	33	28	26	♀	7.27	☽	and sharp		7
30	7		21	34	10	m	31	☽	28.58	☽	Winds.	7
31	7	Adamant.	22	35	22	25						7

JANUARY. 1681.

*The Son of God obey'd his Father's Will,
Was (1) Circumcis'd, and did the Law fulfill.
By Three great Kings (6) Gifts unto Christ were given,
And (25) Paul Converted by a Voice from Heaven.*

1	8	2	3	10	8	36		11	d
2	8	0	4	2	9	24	Day 3 hours long.	12	
3	7	5	8	4	3	10	12	13	f
4	7	5	7	4	4	11	0	14	g
5	7	5	6	4	5	11	48	15	a
6	7	5	5	4	6	12	36	16	b
7	7	5	4	4	7	1	24	17	c
8	7	5	3	4	7	2	12	18	d
9	7	5	2	4	8	3	0	19	e
10	7	5	0	4	10	3	48	20	f
11	7	4	9	4	11	4	36	21	g
12	7	4	7	4	13	5	24	22	a
13	7	4	6	4	14	6	12	23	b
14	7	4	5	4	15	7	0	24	c
15	7	4	4	4	16	7	48	25	d
16	7	4	2	4	18	8	36	26	e
17	7	4	1	4	19	9	24	27	f
18	7	3	9	4	21	10	12	28	g
19	7	3	8	4	22	11	0	29	a
20	7	3	6	4	24	11	48	30	b
21	7	3	4	4	26	12	36	31	c
22	7	3	2	4	28	1	24		
23	7	3	1	4	29	2	12		
24	7	3	0	4	30	3	0	2	f
25	7	2	8	4	32	3	48	3	g
26	7	2	5	4	34	4	36	4	a
27	7	2	5	4	35	5	24	5	b
28	7	2	3	4	37	6	12	6	c
29	7	2	1	4	39	7	0	7	d
30	7	2	0	4	40	7	48	8	e
31	7	1	8	4	42	8	36	9	f

February hath XXVIII days.

- New Moon the 8 day, 48 m. past 11 before noon.
- First quarter the 15 day, 30 m. after 12 at noon.
- Full Moon the 22 day, 6 min. after 11 before noon.

Warm Cloaths this Moneth are good, old Sack less,
Always provided you avoid Excess.

M.	W. D.	Fixed and Moveable Feasts and Terms, &c.	The Suns Place.	The Moons Place	The Planets Places.	The Planets Aspects and change of Air.
1	d	Ignatius	23 30 4 215	h 16.57 ♂		Remission of Cold.
2	e		24 36 15 1	u 6.11 II		
3	f	Blase B. M.	25 3 27 52	♂ 22.0 m		
4	g	Gilbertus	26 38 9 V 54	♀ 4.40 V		
5	h	Agatha V.	27 38 22.0 7	♀ 9.20 m		Temperate
6			28 39 4 m 41	h 18.41 ♂	♂ ♀ ⚪ and	
7	c	Romwald	29 39 17 31	u 6.23 II	clear Air.	
8	d	Edelfstede	0 4 0 ♂ 38	♂ 20 30 m		
9	e	Ap. Ilaria V.	1 40 14 1	♀ 10.40 V	Windy.	
10	f	Scholastica V.	2 40 7 40	♀ 17.38 Vp		
11	g	Euphrosina	3 41 11 V 27	h 16.29 ♂	♂ ♀ ⚪	
12	h	Term. ents.	4 41 25 22	♀ 6.41 II	Frost.	
13		Our Lady	5 41 9 ♂ 23	♂ 18.46 m	above Sand.	
14	c	Valentine	6 42 24 27	♀ 16.45 V	♂ ♀	
15	d	St. Gen. Th. M.	7 42 7 II 31	♀ 26.10 m	♂ ⚪ ⚪	
16	e	Aquilegia	8 4 21 36	h 16.18 ♂	Very cold	
17	f	Finan	9 42 5 ♂ 41	♀ 7.1 II	weather.	
18	g	Simeon	10 42 19 44	♂ 16.55 m	♂ h ⚪	
19	h	Acca B.	12 42 3 ♂ 46	♀ 22.40 V		
20		Our Lady	12 41 17 44	♀ 4.31 ♂	Stirring	
21	c	Cimbretta	13 42 1 m 14	h 16.9 ♂	Winds.	
22	d	Cath. Pet.	14 42 15 2	u 7.28 II	♂ ⚪	
23	e	Finan	15 42 28 21	♂ 14.54 m		
24	f	S. S. & S.	16 42 11 m 13	♀ 28.30 V	with hail	
25	g	Johannes B.	17 42 23 57	♀ 12.47 ♂		
26	h	Alexander	18 42 5 m 13	h 16.4 ♂	and rain.	
27			19 42 18 25	u 7.59 II	(rare)	
28	c	Oswald B. Y.	20 42 0 7 20	♂ 13.0 m	More tempe-	

Chu
Mol
Mat
24 Wha

JANUARY 1682.

Christ's blessed Virgin Mother, Maiden Bride,
Most pure, yet (by the Law) was (2) purif'd.

24 Mathias chosen in Nicot's place;
Wherein he liv'd and dy'd by God's high grace.

H.	M.	H.	M.	Incr. and Decr. of the days, with Southing of Stars and Planets	H.	M.		
				Southing of Stars and Planets				
1	7	17	4	43 9	24	1	1	g
2	7	16	4	44 10	12	2	2	a
3	7	1	4	46 11	0	3	3	b
4	7	13	4	47 11	48	4	4	c
5	7	1	4	49 12	36	5	5	d
6	7	10	4	50 1	24	6	6	e
7	7	5	4	52 2	12	7	7	f
8	7	6	4	54 3	0	8	8	g
9	7	4	4	56 3	52	9	9	a
10	7	2	4	58 4	13	10	10	b
11	6	59	5	1 5	35	11	11	c
12	5	58	5	2 6	26	12	12	d
13	5	Sun	56	4 7	18	13	13	e
14	6		55	5 8	10	14	14	f
15	5		54	6 9	2	15	15	g
16	6		53	7 9	53	16	16	a
17	6		51	9 0	45	17	17	b
18	6		49	11 11	37	18	18	c
19	6		45	14 13	28	19	19	d
20	6		44	16 1	20	20	20	e
21	6		41	18 2	11	21	21	f
22	6		40	20 3	0	22	22	g
23	6		38	22 3	48	23	23	a
24	6		35	25 4	36	24	24	b
25	6		32	28 5	24	25	25	c
26	6		30	30 6	12	26	26	d
27	6		27	33 7	0	27	27	e
28	6		24	3 7	48	28	28	f

March hath XXXI. days.

☽ Last quarter the 2 day, 45 min. past 8 in the morning.
 ☽ New Moon the 9 day, 43 min. after midnight.
 ☽ First quarter the 16 day, 45 min. after 6 at night.
 ☽ Full Moon the 24 day, 24 min. past 1 in the morning.

*Thy Blood refresh 'gins to increase again,
Purge, Bath and Bleed, thy Body to maintain.*

1	b	David B.	21	41	12	7	h 16.1	☽	Fair and	16
2	e	Chad	22	41	23	54	4	8.20	☽	Pleasant
3	f	Wenloc Ab.	23	41	5	V 45	♂	11.54	☽	Wet
4	g	Lucius P. M.	24	40	17	46	♀	1.43	☽	weather all
5	h	Wilgisle Con.	25	40	0	33	♀	26.51	☽	heb. ginning
6	i	Oswine	26	40	12	38	h	16.0	☽	
7	c	Aquirus Co.	27	39	25	34	4	8.56	☽	of the Month
8	d	Perpetua M.	28	39	8	X 54	♂	10.4	☽	Small Rain
9	e	Francisca R.	29	3	22	36	♀	13.20	☽	Helped.
10	f	40 Martyrs	0	V	38	6	V 37	♀	6.28	☽
11	g	Oswin K. M.	1	37	20	51	h	16.1	☽	Sudden snow.
12	a	Gregory	2	36	5	10	4	9.36	☽	ers and
13	b	Elizare	3	36	19	44	♂	8.28	☽	♂, ♀
14	c	Ceorulph K.	4	35	4	II	7	♀ 18.57	☽	
15	d	Aristobulus	5	34	8	22	♀	17.18	☽	
16	e	Alcede	6	33	2	32	h	16.6	☽	Fierce storms.
17	f	Patrick	7	33	16	30	U	10.19	☽	♂ h
18	g	Edward	8	32	0	19	♂	7.10	☽	
19	a	Josephus	9	31	13	57	♀	24.28	☽	
20	b	Iudea	10	30	27	31	♀	25.2	☽	
21	c	Benedict. Ab.	11	29	10	46	h	15.19	☽	♂ ♂
22	d	Alphrodisius	12	28	23	56	U	11. 5	☽	
23	e	Egbert K.	13	27	6	32	♂	6.12	☽	Very windy.
24	f	Lanfranck	14	26	19	37	♀	29.48	☽	
25	g	Leontius. N.	15	25	2	m	8	♀ 1.55	☽	Fair and dry
26	a	Will. Nor.	16	24	14	22	h	16.23	☽	
27	b	Hilarius	17	23	26	26	U	11.51	☽	
28	c	Fremand	18	21	8	7	20	♂ 5.30	☽	High winds
29	d	Baldred Con.	19	20	10	10	♀	5.4	☽	
30	e	Patrone B.	20	19	1	V 56	♀	8.19	☽	Rain.
31	f	Adelme	21	18	13	48				

M A R C H 1681.

Plants now revive, the Spring does gather Strength,
 10 And Days and Nights are of an Equal Length.
 The Angel to the Virgin Tydings brings,
 That sh: shall bear the glorious King of Kings.

1	6	23	5	37	8	34	Day is prolonged 3 ho. 40 m.	11	g
2	6	20	5	40	9	24	The Lyons Tail South at 12.	12	a
3	6	18	5	42	10	12		13	b
4	5	16	5	44	11	0	Day is 4 hours and half long	14	c
5	6	14	5	46	11	48	Day breaks 4 h. 12 m.	15	d
6	6	11	5	49	12	36	Twilight ends 7 h. 44 m.	16	e
7	5	9	5	51	1	24		17	f
8	6	7	5	53	2	12		18	g
9	5	5	5	55	3	0		19	a
10	5	3	5	57	3	48	The Sun rises due East,	20	b
11	6	0	0	4	36	in great Bear tail S. at 12.	21	c	
12	5	59	6	1	5	24	And sets due West.	22	d
13	5	57	6	3	6	12		23	e
14	5	56	6	4	7	0		24	f
1	5	54	5	6	7	48	Day breaks 3 ho. 50 min.	25	g
16	5	53	6	8	8	36	Twilight ends 8 h. 10 m.	26	a
17	5	50	6	10	9	24		27	b
18	5	48	6	12	10	12		28	c
19	5	46	5	14	11	0	Day is 4 hours and half long	29	d
20	5	44	6	16	11	48	First in G. Bear tail S. at 12.	30	e
21	5	42	6	18	12	36		31	f
22	5	40	6	2	1	24	Sun due E. a quarter after 6 in	12	g
23	5	39	6	21	2	12	the morning.	2	a
24	5	37	6	23	3	0	Day is 4 hours and half long	3	b
25	5	36	6	24	3	48	Day breaks 3 h. 25 m.	4	c
26	5	34	6	26	4	36	Twilight ends 8 h. 35 m.	5	d
27	5	32	6	28	5	24		6	e
28	5	30	6	30	6	12	Day is 4 hours and half long	7	f
29	5	28	6	32	7	0	The second in great Bear tail	8	g
30	5	26	6	34	7	48	is South at 12.	9	a
31	5	24	6	36	8	36		10	b

April hath XXX days.

- ◆ Last quarter the 1 day, at 3 in the morning.
- New Moon the 8 day, at 11 before noon.
- ◆ First quarter the 15 day, 24 m. past 1 in the morning.
- Full Moon the 22 day, 30 min. past 4 afternoon.
- ◆ Last quarter the 30 day, 34 min. after 7 at night.

*If thou intend'st to purge, or bath, or bleed,
Of Learn'd Physicians counsel thou hast need.*

1	g	Good Friday	22	16 25	W 48	h 16.38	◆ The Month
2	a	Francis Con.	23	15 8	W 1	h 12.58	II begins w th
3		13 E. Per day	24	13 20	33	♂ 5.1 m	Morning
4	c	Gnire Pr.	25	12 3	X 30	♀ 11.17	II Frosts and
5	d	Vincentius	6	10 16	54	X 12.10	W nipping Air.
6	e	Ethelwold K.	7	9 0	W 41	h 16.53	More mild.
7	f	Sigene Ab.	8	7 14	58	U 13.53	II
8	g	Duvianus Con.	9	6 29	3	♂ 5.2 m	♂ ♀ ☽
9	a	Frichstan B.	10	4 14	8 18	♀ 16.17	II Rain and
10		Low Sund.	11	2 29	11	Y 11.39	Cloudy.
11	c	Leo P.	12	1 14	II 1	h 17.11	◆ ☽
12	d	Hugh B.	13	59 28	41	Y 14.48	II ☽ ♀ ☽
13	e	Hermenegild.	14	57 13	5	♂ 5.26	m ☽ h ☽
14	f	Tiburtius M.	15	55 27	7	♀ 21.6	II
15	g	Oswald B.	16	53 10	54	X 9.0	W Sudden Show-
16	a	Trans. Alb.	17	52 24	24	h 17.3 2	ers, ☽ ☽ ☽ with
17		Misericordia	18	50 7	W 3	Y 15.43	II ☽ ☽ ☽ with
18	c	Oswin Mo.	19	48 20	35	♂ 6.2 m	Hail Storms.
19	d	Elphege B.C.	20	46 3	22	♀ 25.40	II
20	e	Fern begins	21	44 15	47	♀ 7.3	W
21	f	Anselm B. C.	22	42 28	25	h 17.55	Settled wea-
22	g	Suter & Caius	23	40 10	m 41	U 16.45	her for many
23	a	S. George	24	38 22	48	♂ 6.55	days together.
24		13	25	36 4	7 47	m	
25	c	S. Alred Evans	26	34 16	40	♀ 0.2	W
26	d	Cletus P. M.	27	31 28	31	h 18.19	W
27	e	Walburge V.	28	29 10	W 20	U 17.45	II
28	f	Vitalis M.	29	27 22	13	♂ 7.57	W
29	g	Peter Martyr	30	25 4	W 12	♀ 4.6	W
30	a	Kath. of S.ena		23 16	26	h 2.0	W

25 St. I.
A P.
The L.
To C.

APRIL 1681.

25 St. Mark a sacred true Evangelist,
A Pen-man of the Glorious Acts of Christ,
The Five and twentieth day we dedicate
To God, which Ancient Times did celebrate.

15	20	6	40	9	24	Day breaks 2 h. 57 m.	11	c
25	18	6	42	10	12	Twilight ends 9 h. 3 m.	12	d
25	16	6	44	11	13	Day 13 hours and half long.	13	e
45	14	6	46	11	48		14	f
55	12	6	48	12	36	The third day keep holy praise him	15	g
65	10	6	50	1	24	still,	16	a
75	7	6	53	2	12	That set us free from Satan, Sin	17	b
85	4	6	56	3	0	and Hell.	18	c
95	2	6	58	3	53		19	d
105	0	7	0	4	45	Day 14 hours long.	20	e
114	58	7	2	5	37		21	f
114	57	7	3	6	26	Day enlightened 6 hours and half	22	g
134	55	7	5	7	18		23	a
144	53	7	8	8	10	Day breaks 2 h. 25 m.	24	b
154	52	7	8	9	2	Twilight ends 9 h. 35 m.	25	c
164	50	7	10	9	53	Sun rises E N E. sets W N W.	26	d
174	48	7	12	10	45		27	e
184	46	7	14	11	3		28	f
194	44	7	16	12	28	Day 14 hours and half long.	29	g
204	42	7	18	1	2		30	a
214	40	7	20	2	11		31	b
224	39	7	21	3	0	The 7 Stars rise Cosmically.	2	c
234	37	7	23	3	48		3	d
244	35	7	25	4	36	Day breaks 1 h. 51 m.	4	e
254	33	7	27	5	21	Twilight ends 10 h. 9 m.	5	f
264	31	7	29	6	12		6	g
274	29	7	31	7	0		7	a
284	27	7	33	7	48	The North Balance S. at 12.	8	b
294	25	7	35	8	36		9	c
304	23	7	37	9	24	Day enlightened 7 hours and 42 m.	10	d

May hath XXXI. days.

- New Moon the 7 day, 11 min. after 7 at night.
- First quarter the 14 day, 47 m. after 9 in the morning.
- Full Moon the 22 day, at 8 in the morning.
- Last quarter the 30 day, 41 min. past 8 in the morning.

*Sweet morning walks and Sage the minds may please,
Of those whose Bodies are in health and ease.*

1	13	Phil. & Jac.	21	20° 28' 55	h 8.44	5	Pleasant, fair,
2	14	Athanafius	22	18° 11' 47	u 18.9	II	and dry wea-
3	15	Inven. Cru.	23	16° 25' 5	δ 9.13	mp	ther.
4	16	Monica	24	13° 8' V 51	♀ 7.54	5	
5	17	Alzive Q.	25	11° 23' 7	♀ 0.21	8	Fair, hot,
6	18	Joh. Por. Lat.	26	8° 7' 45	h 19.12	5	or ♀ C and
7	19	Stanislaus	27	6° 22' 43	u 19.54	II	windy.
8	20	Rogat. Sund.	28	3° 7' H 52	♂ 10.46	mp	
9	21	Nazianzen	29	1° 23' 2	♀ 10.8	5	♂ U C
10	22	Epimachus M.	29	58° 7' G 59	♀ 5.11	8	♂ ♀ C
11	23	Fremond B.	0	11° 56' 22	45	h 19.42	5
12	24	Ascen. day	1	53° 7' Ω 3	u 21.0	II	Seafonable
13	25	Mervine V.	2	51° 20' 58	δ 12.31	mp	Showers.
14	26	Boniface M.	3	48° 4' W 29	♀ 12.53	5	
15	27	Eustat.	4	46° 17' 38	♂ 10.12	8	♂ ♂ C
16	28	Term ends	5	43° 0' E 28	h 20.13	5	Very hot.
17	29	11000 Vir.	6	4° 13' 1	u 22.5	II	Some Thun-
18	30	Sewal B.	7	38° 25' 21	δ 14.20	mp	der.
19	31	Pudertian. V.	8	35° 7' m 31	♀ 15.2	5	
20	32	Ethelbert K.	9	32° 19' 36	‡ 15.36	8	
21	33	Godrick	10	30° 1' 735	h 20.47	5	
22	34	W. J. J. J.	11	27° 13' 29	u 23.13	II	Dripping
23	35	Will of Roc.	12	24° 25' 21	δ 16.16	mp	Showers.
24	36	Jean Widd.	13	21° 7' V 11	♀ 17.31	5	
25	37	Urban	14	19° 19' 0	‡ 23.2	8	
26	38	Hildegard W.	15	16° 1' 55	h 21.20	5	Very season-
27	39	Beda Pt.	16	13° 13' 10	u 24.21	II	able weather.
28	40	Jonas Ab.	17	10° 25' 25	δ 18.24	mp	
29	41	Felix. Sund.	18	7° 7' H 52	‡ 18.3	5	
30	42	Felix M.	19	5° 20' 40	♀ 0.47	II	
31	43	Petronilla V.	20	2° 3' V 52			Hot and Dry.

(1.) St. Philip and St. Jacob, like two Twins,
 Their memories, on this first day begins:
 'Tis a good entrance to the Month of May,
 When two such glorious Saints do lead the way.

10	12	4	22	7	38	Day breaks 8 m. aft. 1 in the morn.	1	1	
2	11	0	4	21	7	Twilight ends 52 m. after 10 at night.	12	1	
3	11	48	4	20	7	40 The North Crown South at 12.	13	8	
4	12	36	4	19	7	41 The Hinder Guard South at 12,	14	a	
5	1	24	4	17	7	43 Serpents neck South at 12.	15	b	
6	2	High	12	4	5m	15 7	45 Day 13 hours and a half long.	16	c
7	3	W	37	0	4	Riser. 12 7	47	17	d
8	3	48	4	12	7	48		8	e
9	4	36	4	11	7	49 The Sun is just East at 9 m. after 7	19	f	
10	5	at	24	4	10	50 in the morn, and West 51 m. after 4.	20	g	
11	6	London	12	4	9	51 Sunrises N. E. by E. and sets N. W. by W.	21	a	
12	7	Birds	12	4	7	53		22	b
13	7	48	4	6	7		23	c	
14	8	36	4	5	7		24	d	
15	9	24	4	3	7	57 Continual day, and no dark night,	25	e	
16	10	12	4	2	7	58 from May 12 to July 12.	25	f	
17	11	0	4	1	7	59 Day 16 hours long.	27	g	
18	11	48	3	59	8		28	a	
19	12	36	3	58	8		29	b	
20	1	24	3	56	8		30	c	
21	2	12	3	55	8	5 The Bull's eye rises cosmically.	31	d	
22	3	0	3	54	8	6 Day 14 hours and 9 h. 4. m.	1	e	
23	3	48	3	53	8	7	2	f	
24	4	36	3	53	8		3	g	
25	5	24	3	52	8		4	a	
26	6	12	3	52	8	8 Hercules lead foot at 12.	5	b	
27	7	0	3	52	8		6	c	
28	7	48	3	51	8	9 King Charles the 11. born, 1600	7	d	
29	8	36	3	51	8	and restored 1660.	8	e	
30	9	24	3	50	8	10 Day 16 hours 30 m. long.	9	f	
31	10	12	3	50	8		10	g	

June hath XXX. days.

- New moon the 6 day, 7 min. past 1 in the morn.
- First quarter the 12 day, 53 min. after 8 at night.
- Full moon the 20 day, 45 min. after 10 at night.
- Last quarter the 28 day, 24 min. after 6 at night.

Drinks new or sweet, Hot Spice I wafn thee flee,
The sports of *Venus*, and *Phlebotome*.

1	e	Pamphilus	20 ^{II}	59 17	V 41	h 22	I 8	Great wind
2	f	Corpus Ch.	21	56 1	5 36	Ψ 25	42 II	and some
3	g	Fono seq.	22	53 16	6 5	21	6 np	thunder
4	a	Petroch. B.	23	50 1	II 1	16	58 8	various.
5	i	St. af. Trin.	24	41 16	11 9	11	19 II	8 4
6	c	Norb. B. C.	25	45 1	8 25	h 22	36 8	8 4
7	d	Paulus	26	42 16	36 2	26	50 II	8 4
8	e	Wil. B. Y.	27	39 1	8 31	8 23	26 np	8 4
9	f	Feliciatus	28	36 16	5 2	14	10 8	8 4
10	g	Margar. Q.	29	33 0	12	21	9 II	and uncer.
11	a	S. Barnabas	30	30 13	48	h 23	11 8	8 4
12	i	2 aft. Trin.	1	27 27	3 4	27	57 II	8 4
13	c	Anthony	2	24 9	5 5	25	51 np	13 9
14	d	Fasit. Mag.	3	21 20	21 9	10	37 8	14 9
15	e	Modest. M.	4	18 4	m 35	o	52 8	13 10
16	f	Richa B. C.	5	15 16	38	23	45 8	16 11
17	g	Boro. Ab	6	12 28	32	29	5 II	17 12
18	a	Merc. C. M.	7	9 10	7 24	8 28	23 np	18 1
19	i	3 aft. Trin.	8	6 22	15 8	7	30 8	1 2
20	c	Silver. P. M.	9	3 3	Vp 57	2	Fair	20 3
21	d	Walburge	10	1 16	2	24	23 8	21 3
22	e	Terin chas.	10	5 8	28	4 8	12 8	22 4
23	f	Paulinus B.	11	55 9	11 8	1	2 8	23 5
24	g	S. Joh. B.	12	52 22	24	4	26 8	24 6
25	a	Amphibal.	13	49 4	X 47	8 21	25 8	25 7
26	i	4 aft. Trin.	14	46 17	28	7	0 8	7 4
27	c	Levit. B. M.	15	43 0	V 15	8 1	20 8	7 4
28	d	Leo 2. P.	16	40 13	24	8 3	42 8	23 9
29	e	S. Pet. & Pa.	17	37 26	54 8	1	41 8	29 10
30	f	Com. 8. Pa.	18	34 10	8 47	8 1	52 8	30 11

(24) St. John the Baptist lost his glorious head,
 The same way was (29) St. Peter stroken dead.
 And may all Christians, like to themendeavour
 To dye here so, that they may live for ever.

	11	o 3	50 8	10	Day lengthened 8 hours 40 min.	11 a
1	11	48 3	49 8	11		12 b
2	12	36 3	49 8	11		13 c
3	1	24 3	49 8	11		14 d
4	2	12 3	48 8	12		15 e
5	3	0 3	48 8	12		16 f
6	4	High water	52 3	48 8	Dragons head S. at 12.	17 g
7	5	35 3	47 8	13		18 h
8	6	26 3	47 8	13	Day lengthened 9 hours 40 min.	19 i
9	7	18 3	47 8	13	longest day 26 hours 40 min.	20 j
10	8	10 3	47 8	13		
11	9	2 3	47 8	13	Upon which day, the ☽ will be upon 21 k	
12	10	53 3	47 8	13	the just East point, at 20 min. after 22 l	
13	11	45 3	48 8	12	8 in the morn and upon the West 23 m	
14	12	37 3	48 8	12	print, at 40 min after 3 in the af- 24 n	
15	13	28 3	48 3	12	ternoon, and the ☽ on the same 12 25 o	
16	14	20 3	49 3	11	day will rise 40 degr. from the 26 p	
17	15	11 3	49 3	11	East towards the North, and will 27 q	
18	16	o 3	50 3	10	set 40 degr. from the West towards 28 r	
19	17	48 3	50 8	10	the North that is the Sun will rise 29 s	
20	18	36 3	51 3	9	N. E. half a point Easterly, and 30 t	
21	19	24 3	51 3	9	sers N. West half a point westerly.	
22	20	12 3	52 3	8		
23	21	o 3	52 3	8		
24	22	48 3	52 3	8		
25	23	35 3	53 3	7	Day shortened 8 hours 40 min.	5 f
26	24	24 3	54 3	6		6 g
27	25	12 3	55 3	5		7 h
28	26	o 3	56 8	4	Swims till south at 12	8 i

July hath XXXI. daye

☽ New moon the 5 day, 41 min. past 9 in the forenoon.
 ☽ First quarter the 12 day, 40 min. after 10 forenoon.
 ☽ Full moon the 20 day, 18 min. after 1 in the afternoon.
 ☽ Last quarter the 28 day, 25 min. after 2 in the morn.

Strong drinks and new refuse, they be thy Foe.
To bath in Rivers cool this July go.

1	11
2	12
3	1
4	2
5	3
6	3
7	4
8	5
9	6
10	7
11	7
12	8
13	9
14	10
15	11
16	11
17	12
18	1
19	2
20	3
21	3
22	4
23	5
24	6
25	7
26	7
27	8
28	9
29	10
30	11
31	11
1	11
2	12
3	1
4	2
5	3
6	3
7	4
8	5
9	6
10	7
11	7
12	8
13	9
14	10
15	11
16	11
17	12
18	1
19	2
20	3
21	3
22	4
23	5
24	6
25	7
26	7
27	8
28	9
29	10
30	11
31	11

JULY 1681.

With *Mary Magdalen* let us begin,
To know, confess, repent, and cease to sin,
That with the Apostle (25) *James* we may arrive
At that Rest which time can ne'r us deprive.

11	48 3	57 8	31	11 ^c
12	55 3	57 8	3 <i>Orions Girdle</i> rises cosmically.	12 ^d
1	24 3	58 8	2	13 ^a
2	12 3	59 8	1 <i>The Scorpions Taigh, and Vultu-</i>	14 ^f
3	0 4	0 8	0 Day 15 hours long.	15 ^g
4	48 4	57	58 <i>res heart are south at mind.</i>	16 ^a
5	36 4	27		17 ^b
6	High Sun Rises	37		18 ^c
7	36 4	57		19 ^d
8	24 4	57		20 ^E
9	12 4	67	Day shortened 38 m.	21 ^f
10	0 4	87		22 ^g
11	48 4	97		23 ^a
12	36 4	17	1 <i>Rises N.E. by E. sets N.W. by W.</i>	24 ^b
13	24 4	127	and is East 9 min. after 7, and	25 ^c
14	12 4	137	West 51 min. after 4.	26 ^d
15	0 4	147		27 ^E
16	48 4	157	Day 15 hours and half long.	28 ^f
17	36 4	167		29 ^g
18	24 4	177	43 <i>The Swans Tail, and the Dolphins</i>	30 ^a
19	12 4	187	42 Head both south at 12.	31 ^b
20	0 4	207	40 Day breaks 45 m. after midn.	32 ^d
21	48 4	217		33 ^E
22	36 4	237	37 <i>Twylight ends a quarter after 11.</i>	34 ^f
23	24 4	257		35 ^g
24	12 4	277		36 ^a
25	0 4	297	31 <i>Day 15 hours long.</i>	37 ^b
26	48 4	307		38 ^c
27	36 4	327		39 ^d
28	24 4	347		40 ^E
29	12 4	357		
30	0 4	377	23 <i>The great Dog rises cosmically.</i>	
31	48 4	387	22	

July hath XXXI. daye

☽ New moon 5 day, 41 min. past 9 in the forenoon.
 ☽ First quarter the 12 day, 40 min. after 10 forenoon.
 ☽ Full moon the 20 day, 18 min. after 1 in the afternoon.
 ☽ Last quarter the 28 day, 25 min. after 2 in the morn.

Strong drinks and new refuse, they be thy Foe.
To bath in Rivers cool this July go.

1	g	Romwald	19	31	25	☽	3	h	25	38	☽	Variable	11
2	g	Visit Mary.	20	28	9	☽	44	☽	2	27	☽	and an.	12
3	g	5 aft. Trin.	21	25	24	41	☽	6	24	27	☽	g	1
4	c	Vlricus	22	23	9	☽	46	☽	29	42	☽	certain	2
5	d	Anselmus	23	20	24	53	☽	10	27	31	☽	h	3
6	e	Sexburg. Q.	24	17	9	☽	49	h	26	15	☽	weather	3
7	f	Tr. Th. Can.	25	14	24	28	☽	3	34	35	☽	all	4
8	g	Gramb. Ab.	26	11	8	☽	35	☽	9	15	☽	the former	5
9	g	Edilburg Q.	27	9	22	29	☽	28	41	☽	☽	moneth.	6
10	g	5 aft. Trin.	28	6	5	☽	48	☽	18	34	☽	7	7
11	c	Pius. & M.	29	3	18	40	☽	26	53	☽	☽	part of the	8
12	d	Henricus	30	0	1	☽	9	☽	41	☽	☽	moneth.	9
13	e	Anaclet. P.	30	57	13	22	☽	12	17	27	☽	About the	10
14	f	Soravent B.	31	55	25	24	☽	28	45	☽	☽	15 day the	11
15	g	Swith B. W.	2	52	7	☽	12	☽	25	17	☽	weather will	12
16	g	Oslunon. B.	3	49	19	2	☽	27	30	☽	☽	be more fixed	13
17	g	7 aft. Tr.	4	46	0	☽	51	☽	5	47	☽	14	14
18	c	Rosina	5	44	12	44	☽	15	7	27	☽	be more fixed	15
19	d	Dog da. be.	6	41	24	45	☽	29	41	☽	☽	15 day the	16
20	e	Marg. V. M.	7	38	6	☽	55	☽	3	54	☽	certain only	17
21	f	Praxededa V.	8	36	19	14	☽	28	7	52	☽	windy.	18
22	g	Mary Mag.	9	33	1	☽	54	☽	6	52	☽	22	19
23	g	Apolinar B.	10	30	14	24	☽	18	8	27	☽	23	20
24	g	8 aft. Tr.	11	28	27	15	☽	1	23	☽	☽	6	21
25	c	Anna	12	25	10	☽	17	☽	9	4	☽	Hot and dry	22
26	d	S. Janes A.	13	23	23	38	☽	28	45	☽	☽	weather.	23
27	e	Jof. Arim.	14	20	7	☽	4	7	53	☽	☽	27	24
28	f	Celsus P. M.	15	18	20	51	☽	21	12	27	☽	28	25
29	g	Martha V.	15	15	4	☽	52	☽	3	48	☽	Thunder in	26
30	g	Abdon M.	17	13	19	13	☽	13	35	☽	☽	several places.	27
31	g	9 aft. Tris.	18	10	3	☽	49	☽	11	10	☽	30	28

JULY 1681.

With *Mary Magdalene* let us begin,
To know, confess, repent, and cease to sin,
That with the Apostle (25) *James* we may arrive
At that Rest which time can ne'er us deprive.

1	11	48 3	57 8	31		11 c
2	12	55 3	57 8	3 The Orions Girdle rises cosmically.		12 d
3	1	24 3	58 8	2		13 a
4	2	12 3	59 8	1 The Scorpions Taigh, and Vulture.		14 f
5	3	0 4	0 8	0 Day is 15 hours long.		15 g
6	3	48 4	57 8	res heart are south at midn.		16 a
7	4	36 4	37 5			17 b
8	5	24 4	57			18 c
9	6	12 4	6 7	54 Day shortened 38 m.		19 d
B	7	0 4	8 7	52		20 E.
11	7	48 4	9 7	51		21 f
12	8	36 4	1 7	49 Rises N.E. by E. sets N. W. by W.		22 g
13	9	24 4	12 7	48 and is East 9 min. after 7, and		23 a
14	10	12 4	13 7	47 West 51 min. after 4.		24 b
15	11	0 4	14 7	49		25 c
16	11	48 4	15 7	45 Day is 15 hours and half long.		26 d
B	12	36 4	16 7	44		27 E.
18	1	24 4	17 7	43 The Swans Tail, and the Dolphins		28 f
19	2	12 4	18 7	42 Head both south at 12.		29 g
20	3	0 4	20 7	40 Day breaks 45 m. after midn.		30 a
21	3	48 4	21 7	39		31 b
22	4	36 4	23 7	37 Twylight ends a quarter after 11.		Aug.
23	5	24 4	25 7	35		2 d
24	6	12 4	27 7	33 Day is 15 hours long.		3 E.
25	7	0 4	29 7	31		4 f
26	7	48 4	30 7	30 Day is 15 hours long.		5 g
27	8	36 4	32 7	28		6 a
28	9	24 4	34 7	26		7 b
29	10	12 4	35 7	24		8 c
30	11	0 4	37 7	23 The great Dog rises cosmically.		9 d
	11	48 4	38 7	22		10 e

August hath XXXI days.

¶ New moon the 3 day, at 5 in the Afternoon.

First quarter the 11 day, at 2 in the morn.

Full moon the 19 day, at 2 in the morn.

Last quarter the 26 day, 7 min. after 8 in the morn.

Take heed of Surfers, inflaming meats and spices;
Phisick forbear, be wise in exercises.

1	t	Lamas. day.	19	8	18	9	38	h	29	33	9	some Rain	1	t2	9
2	d	Stephanus	20	6	3	21	11	9	8	9	6	h & e	2	1	2
3	e	Invent. St.	21	3	18	4	5	24	54	10	11	good Harvest	3	2	1
4	f	Domin. C	22	12	20	35	2	7	57	9	10	weather	4	3	1
5	g	Festum Ni.	22	59	16	47	9	17	35	10	8	8 & C	5	3	1
6	a	Transfigura	23	56	0	31	h	0	10	10	11	8 & C	6	4	1
7	b	10 aft. Tri.	24	54	13	56	11	10	8	9	10	8 & C	7	5	1
8	c	Cyriacum.	25	52	26	52	1	28	3	11	12	8 & C	8	6	1
9	d	Julian	26	50	9	25	2	11	43	12	13	8 & C	9	7	1
10	e	Lawren. m	27	47	21	38	2	18	10	10	11	Flying clouds	10	8	1
11	f	Gilbe. B.C.	28	45	3	27	h	0	45	11	12	8 & C	11	9	1
12	g	Clare V.	29	43	15	27	1	11	6	11	12	8 & C	12	10	1
13	a	Hippolitus	30	41	27	16	1	1	15	11	12	8 & C	13	11	1
14	b	11 aft. Tri.	1	39	9	6	2	15	47	11	12	8 & C	14	12	1
15	c	Aſſump. M.	2	37	21	1	2	15	25	11	12	8 & C	15	11	1
16	d	Rochus.	3	35	3	22	6	1	20	11	12	8 & C	16	12	1
17	e	Tho. of Har.	4	32	15	23	11	12	1	11	12	8 & C	17	11	1
18	f	Helena	5	31	27	57	1	4	32	11	12	cool wind	18	12	1
19	g	Clin. R. m.	6	29	10	42	2	20	5	11	12	and fair	19	13	1
20	a	Barnar. Ah.	7	27	23	42	2	13	23	11	12	weather.	20	13	1
21	b	12 aft. Tri.	8	25	7	1	h	1	54	11	12	8 & C	21	14	1
22	c	Tima. C.	9	23	20	28	11	12	56	11	12	8 & C	22	15	1
23	d	Zacheus	10	22	3	59	1	7	52	11	12	8 & C	23	16	1
24	e	11	11	20	17	42	2	24	42	11	12	8 & C	24	17	1
25	f	Lewis R. G.	12	18	1	33	2	8	41	11	12	8 & C	25	18	1
26	g	Zepherine	13	15	15	27	h	2	27	11	12	8 & C	26	19	1
27	a	Douglas	14	15	29	38	11	13	49	11	12	8 & C	27	20	1
28	b	13 aft. Tr.	15	13	13	9	56	11	14	11	12	8 & C	28	21	1
29	c	Decol. I. Ea.	16	12	28	10	2	29	48	11	12	8 & C	29	22	1
30	d	Tcc. & V.	17	15	12	11	2	5	30	11	12	8 & C	30	23	1
31	e	Adri. B. C.	18	8	25	52	2	5	30	11	12	8 & C	31	24	1

(10) St. Lawrence on a Gridiron Broyled to death,
 (24) St. Bartholomew was Head and lost his breath
 The Torments they as Pleasuret did accompt,
 And now they're mounted where their Joys surmount.

Rain	12	36	4	39	7	21		11	f
Harvest	1	24	4	40	7	20	Pegasus Mouth south at 12	12	g
er	2	12	4	43	7	17		13	a
C	3	0	4	44	7	16	Day 14 hours and half long.	14	b
A	4	3	48	4	46	7	Day breaks 25 m. aft. 2.	15	c
2	5	3	48	4	47	12	Twilight ends 4 m. aft. 9	16	d
3	6	4	36	4	48	10	② rises E. N. E. sets W. N. W.	17	
clouds	7	5	24	4	50	7		18	f
3	8	6	12	4	52	7		19	g
5	9	7	0	4	54	7	Day shortened 2 h. 14 min.	20	a
g	10	7	48	4	56	7		21	b
11	8	36	4	58	7	2		22	c
12	9	24	4	59	7	1	Day 14 hours long.	23	d
13	10	12	5	1	5	59		24	E
14	11	0	5	3	6	57		25	f
15	11	Bridge	48	5	5	6	Day breaks 46 m. aft. 2.	26	g
16	12	36	5	6	6	54	Twy-light ends 13 m. aft. 9.	27	a
17	1	24	5	8	6	52		28	b
18	2	12	5	10	6	50		29	c
19	3	0	5	12	6	48	be ② will be due East 32 m. after	30	d
20	3	52	5	14	6	46	Day 13 hours and half long.	31	E
21	4	43	5	16	6	44	6. and due West 28 m. after 6.	Sep	
22	5	35	5	18	6	42			
23	5	26	5	20	6	40	Pegasus shoulder S. at 12,	2	g
24	7	18	5	22	6	38	Day shortened 3 hours 30 min.	3	a
25	8	10	5	24	6	36	② rises E. by N. sets West by N.	4	b
26	9	2	5	26	6	34		5	c
27	9	53	5	28	6	32	Day 13 hours long.	6	d
28	10	45	5	30	6	30		7	
29	11	37	5	31	6	29	The ② is due East. 16 m. after 6.	8	f
30	12	28	5	33	6	27	and West 45 m. after 5,	9	g
31	1	20	5	35	6	25		10	e

September math XXX. days.

- New moon the 2 day, 43 min. after 2 in the morn.
First quarter the 9 day, 7 min. after 8 at night.
Full moon the 17 day, 5 min. after 4 afternoon.
Last quarter the 24 day, at 1 in the afternoon.

Now Physick may be us'd, bleed, bath, and purge,
Or whatsoe'er Necesity doth urge.

1	f	Giles Ab.	19	7, 11	m	1	h	3	6	sl	Cloudy	
2	g	Long Ben Ab.	o	5 24	57	4	14	50	5	Rain		
3	a	Abd. & Acco	1	4 8	34	5	15	19	m	fait and		
4	b	Abd. & Acco	2	3 21	52	2	6	2	sl	good Weather		
5	c	Victorius	23	1 4	m	46	2	6	4	m		
6	d	Magnus	24	0 17	25	2	3	36	sl			
7		Transf Dun	24	59 29	36	11	15	38	5	High Winds		
8		Nat. B. Vir.	25	57, 11	7	38	5	18	44	m	and flying	
9	g	Gorgonius	26	56 23	29	2	11	35	sl	clouds		
10	a	Nich. Con.	27	55 5	w	16	2	9	35	m		
11	b	15 aft. Tri	28	54 17	4	h	4	6	sl			
12	c	Eansfride B.	29	55 28	59	3	16	23	5			
13	d	Amatus	o	52 11	ww	3	5	22	12	m	Fair and	
14	e	Zumber W.	1	51 23	25	2	17	14	sl	cool air		
15	f		2	50 9	X	6	2	14	52	m		
16	g	Euphemia	3	49 19	10	h	4	33	sl			
17	a	Lampert	4	48 2	V	32	3	17	4	5		
18	b	16 aft. Tri	5	47 16	10	5	25	43	w	inclining		
19	d	Januarius B	6	45 o	8	3	2	22	44	sl	to frost	
20	d	Kausta V.	7	45 14	4	2	22	11	m			
21	e	S. Matthew	8	44 28	14	h	4	58	sl	Pleasant		
22	f	Maurice	9	44 12	II	22	u	17	42	5	temperate	
23	g	Tecla V.	10	43 26	30	5	29	18	m	cool weather		
24	a	Winibald	11	42 10	5	32	2	18	sl			
25	b	17 aft. Tri.	12	42 24	37	2	2	3	w			
26	c	Ciprian M.	13	41 8	sl	37	h	5	23	sl		
27	d	Cof. & Dam	14	41 22	37	u	18	16	sl	Rain and		
28	e	Lioba Ab.	15	40 6	w	24	5	2	53	2		
29	f	S. Michael	15	40 20	5	1	3	54	w	W. nd		
30	g	Jer. P. & Tr.	17	39 2	u	39	2	12	56	w		

The blest St. Matthews (21) sacred memory
Stands in this Moneth fixt to Posterity.
To Arch-Angel (29) Michael, or Christ nam'd so,
Die oil the Dragon our Souls mortal Foe.

1	2	11 5	37 6	23 Day breaks 42 m. after 3 in the morn.	11 d
2	3	0 5	40 6	24 Twilight ends 18 m. after 8 at night.	12 c
3	4	48 5	42 6	18	
4	5	36 5	44 6	16 Day is hours and half long	13 b
5	6	24 5	45 6	15	14 e
6	7	12 5	57 6	13 Day shortened 4 hours.	15 f
7	8	0 9	49 6	12	16 g
8	9	48 5	50 6	0 Andromeda's Head, and Cassiopea's	17 a
9	10	35 5	51 6	9 Chair both south at 12.	18 b
10	11	24 5	53 6	7	19 c
11	12	12 6	55 6	5	20 d
12	13	0 6	58 5	2 Sun rises exactly East and	21 e
13	14	48 6	0 5	0 Equinox and night exhorta,	22 f
14	15	35 6	2 5	58 Sun sets due West.	23 g
15	16	24 6	4 5	56	24 a
16	17	12 6	6 5	54 Day breaks 8 m. after 4 in the morn.	25 b
17	18	0 6	8 5	52 Twilight ends 52 m. after 7 at night.	26 c
18	19	48 6	10 5	50 Day shortened 4 hours and half	27 d
19	20	36 6	12 5	48	28 e
20	21	2 6	14 5	46	29 f
21	22	12 6	16 5	17 11 hours and half long.	30 g
22	23	0 6	44		Octo
23	24	48 6	18 5	42	
24	25	35 6	20 5	40	1 b
25	26	2 6	22 5	38 Day breaks 50 m. after 4 in the morn.	3 c
26	27	12 6	24 5	36 Twilight ends 30 m. after 7 at night.	4 d
27	28	0 6	25 5	34 Andromeda's Should south at 12.	5 e
28	29	48 6	28 5	32	6 f
29	30	36 6	30 5	30 Day is hours and half long	7 g
30	1	2 6	32 5	28	8 a
		24 6	34 5	26 Cassiopea's Knee south at 12.	9 b
					10 c

October hath XXXI. days.

¶ New moon the 1 day, 9 min. past 3 in the afternoon.
 First quarter the 9 day, 20 min. past 3 in the aftern.
 Full moon the 17 day, at 4 in the morning.
 Last quarter the 25 day, at 8 at night.
 ¶ New moon the last day, 43 min. after 6 in the morn.

Now Phisicks help do not refuse,
 If thou it want, and carefully canst use.

1	a	Remigius	18	39 ¹⁶	—	57	1	5	44	st	6	2	4.	1	2
2	a	18 aft. Tri.	19	38 ⁰	m	1	4	18	46	5	1	2	4.	1	3
3	t	Gerard A.	20	38 ¹²		51	3	6	28	1	2	4.	3	3	
4	b	Franciscus	21	38 ²⁵		17	2	9	36				4	4	
5	e	Placid, m.	22	37 ⁷	2	33	2	22	15	2	5	2	5	5	
6	f	Bruno Con.	23	37 ¹⁹		32	h	6	2	6	6	wind with	6	6	
7	g	Mark . G.	24	37 ¹	W	24	U	19	14	5	7	some rain.	7	7	
8	a	Demetr. m	25	37 ¹³	I	5	10	4	4	2	8		8	7	
9	t	19 aft. V.	26	37 ²⁵		1	2	15	18	m	9	Fair and	9	8	
10	c	Paulin B. T.	27	36 ⁶	m	55	2	1	25	m	10	constant	10	9	
11	d	Binchardus	28	36 ⁹		1	h	6	17	6	11	good wea.	11	10	
12	e	Wilfret. B. T.	29	36 ¹	X	23	U	19	38	5	12	ther.	12	11	
13	f	Edward R.	30	36 ¹⁴		6	5	13	44	2	13		13	11	
14	g	Calix. m	1	35 ²⁷		12	2	21	9	m	14		14	12	
15	a	Teresa. V.	2	36 ¹⁰	V	43	2	12	10	m	15		15	1	
16	t	20 aft. Tr.	3	37 ²⁴		25	h	6	32	6	16	Black Frost.	16	2	
17	c	Andrew V.	4	37 ⁸	8	54	U	19	57	5	17		17	3	
18	d	S. Luk. E.	5	37 ²³		21	5	17	27	1	18		18	3	
19	e	Fridisw. V.	6	37 ⁷	II	59	2	27	0	m	19		19	4	
20	f	Winde, A.	7	37 ²²		33	2	19	21	m	20		20	5	
21	g	Ursul. V.m.	8	38 ⁷	5	6	h	6	45	6	21		21	5	
22	a	Cord. V.m	9	38 ²¹		27	U	20	9	1	22		22	7	
23	t	21 aft. Tri.	10	38 ⁵	6	34	5	21	12	5	23		23	7	
24	c	17 aft. Tr.	11	39 ¹⁹		28	2	2	54	2	24	Rain and	24	8	
25	d	Crispinus	12	39 ³	m	10	2	25	36	5	25	wind	25	9	
26	e	Evaristus	13	39 ¹⁵		32	h	6	54	6	26		26	10	
27	f	Ivo Confes	14	40 ²⁹		54	U	20	15	5	27		27	11	
28	g	S. Symm.	15	40 ¹³	—	1	2	24	57	2	28	Cold and	28	11	
29	a	Eadif. B. C.	15	41 ²⁵		51	2	8	45	5	29	Cloudy	29	12	
30	t	22 aft. Tri.	17	41 ⁸	m	5	3	2	51	2	30		30	1	
31	c	Foila. B. m.	18	42 ²¹		12					31		31	2	

OCTOBER 1681

(18) St. Luke, who did the Glorious Gospel Write,
And the Acts of all the Apostles well Endite;
(28) St. Simon and St. Judas, all these Three
In this month (by the Church) remembered be.

1	2	12 6	36 5	24 Day breaks at 47 m. aft. 4 Morn.	11 d
2	3	0 6	38 5	22 Day-light ends 13 m. aft. 7 N.	12 e
3	3	48 6	40 5	20	13 f
4	4	36 6	42 5	18 Day shortened 5 hours 30 m.	14 g
5	5	24 6	44 5	16	15 a
6	6	H 12 6	S 45 5	14 Day 10 hours and half long.)	16 b
7	7	0 6	S 48 5	12	17 c
8	7	H 48 6	R 50 5	10	18 d
9	8	36 6	R 52 5	8 <i>The Rams born S. at 12</i>	19 e
10	9	at 24 6	54 5	6	20 f
11	10	L 12 6	56 5	4 Day shortened 6 h. 18 m.	21 g
12	11	0 6	58 5	2	22 a
13	11	48 7	0 5	0 <i>The Rams head South at 12</i>	23 b
14	12	R 36 7	24	58 Day 10 hours long.	24 c
15	1	Ridge 24 7	44	56	25 d
B2	2	12 7	64	54 Day breaks 5 m. aft. 5 Morn.	26 e
17	3	0 7	84	52 Day-light ends 55 m. aft. 6 N.	27 f
18	3	48 7	104	50	28 g
19	4	36 7	124	48 Day shortened 6 hours 46 m.	29 a
20	5	24 7	144	46 Sun rises E. S. E. sets W. S. W.	30 b
21	5	12 7	164	44	31 c
22	7	0 7	174	43 Day 9 hours and half long.	Nov.
23	7	48 7	194	41	2 d
24	8	36 7	204	40	3 e
25	9	24 7	224	38	4 f
26	10	12 7	244	36 <i>The 7 Stars rise Achronically</i>	5 a
27	11	0 7	264	34 Day shortened 7 h. and a quarter.	6 b
28	11	48 7	284	32 <i>The Whales jaw and Medusæ,</i>	7 c
29	12	36 7	304	bead are both S. at 12	8 d
30	1	24 7	324	28 Day 9 hours long.	9 e
31	2	12 7	334	27 <i>Perseus right side S. at 12.</i>	10 f

November XXX. days.

First quarter the 8 day, 38 min. after 10 before noon.
 Full moon the 15 day, 8 min. past 3 in the afternoon.
 Last quarter the 22 day, 50 min. after 5 in the morn.
 New moon the 30 day, at 1 in the morning.

Choose hot and wholesome drinks, and meats likewise,
 Avoid hot baths, use honest exercise.

1	b	All Saints	19	43 3	2 32	h	7	1	o	3	2	4
2	e	All Souls	20	43 15	42	u	20	18	s	sharp and		
3	t	Wines, V. M.	21	44 27	40	o	29	29	z	3	5	8
4	a	Agricola M	22	44 9	w	23	o	16	o	cold Wind		
5	a	Ford. Pic.	23	45 21	20	o	10	3	z			
6	b	23 S. aft. Tr.	24	46 3	w	10	h	7	4	o	snow, fleet,	
7	c	Wildebrod	25	47 15	f	2	u	20	15	s	or drifling	
8	d	Claudius	26	47 27	10	o	3	19	w			
9	o	Ded. Eccl. Sa	27	48 9	x	29	o	21	54	z	rain	
10	f	Triph. &c. M.	28	49 22	7	v	17	8	z			
11	s	Martin B. C.	29	50 5	v	12	h	7	3	o		
12	a	Mar. P. &c. M.	30	51 18	39	u	20	7	s	seasonable		
13	b	24 S. aft. Tri.	1	52 2	o	42	o	7	9	w	dry, but	
14	c	Laurence	2	53 17	8	o	28	0	o	z	cold air	
15	d	Leopaldus	3	54 1	II	52	u	24	3	z		
16	e	Edmo. B. G.	4	55 16	50	h	6	58	o	variable		
17	f	Thanmaturg	5	55 1	s	52	u	19	54	s		
18	g	Ded. Ec. S. P.	6	57 16	45	o	11	0	w	o		
19	h	Ponti. P. M.	7	58 1	o	30	o	4	5	m	o	
20	b	25 S. aft. Tri.	3	59 15	53	v	29	1	z	h	and un-	
21	c	Present. Mar	10	o	o	m	7	6	51	o	o	
22	d	Cecilia Virg	11	1 13	38	u	19	37	s	certain		
23	e	Clem. P. M.	12	2 25	45	o	14	51	w	weather for		
24	f	Chryfogon.	13	3 10	w	1	o	10	17	m	many dayes	
25	g	Kather. V. M.	14	4 22	51	u	1	34	w			
26	h	Peter B. Ale.	15	5 5	m	24	h	6	42	o	frost to	
27	b	Ad. Sund.	16	6 17	51	u	19	12	s	o	o	
28	c	Yea. ends.	7	7 0	6	o	18	44	w	o	o	
29	d	Saturnus.	8	9 11	42	o	16	29	m	the moneths		
30	e	S. Aapt. end	19	10 24	15	o	0	6	w	o	end.	

NOVEMBER 1681.

Of (1) All Saints blest, and cursed (5) Powder Plot
 Must never be by Protestants forgot.
 30) St. Andrew ends as *All Saints* did begin,
 And may we (as they did) Salvation win.

1	3	07	344	26 Day breaks 37 m. after 5 in the mor.	11	g
2	3	487	364	24 Twilight ends 23 m. at 6 at night.	12	a
3	4	367	384	22 Day shortened 7 h. 43 m.	13	b
4	5	247	394	21	4	c
5	6	127	404	20 The great Dog sets cosmically.	15	d
6	7	H 07	424	Sum 18	16	e
7	7	High 487	434	17 Persens Foot south at 12.	17	f
8	8	367	454	15 Day 8 hours and a half long.	18	g
9	9	after 247	464	14	19	a
10	10	127	484	12 Day shortened 8 h. a min.	20	b
11	11	at 07	494	11 Rises S. E. by E. & sets S W by W.	21	c
12	11	London 487	504	10 The seven stars set cosmically.	22	d
13	12	367	524	8 The Bulls eye sets cosmically	23	e
14	1	247	534	7 No absolute day but all Twilight	24	f
15	2	127	554	5 Twilight ends, 13 m. after 6 at night	25	g
16	3	07	564	4	26	a
17	3	527	574	3	27	b
18	4	437	584	2	28	c
19	5	357	594	1 Day 8 hours long.	29	d
20	6	268	04	0	30	e
21	7	188	13	59 The Bulls eye rises Achronically.	Dec.	
22	8	108	23	58	2	g
23	9	128	33	57 Day shortened 8 h. 34 m.	3	i
24	9	538	43	56	4	b
25	10	458	53	55	5	c
26	11	378	63	54	6	d
27	12	288	63	54	7	e
28	1	208	73	53 Orion's Foot south at 12.	8	f
29	2	118	83	52	9	g
30	3	c8	93	51 Orion's Shoulder south at 12.	10	a

December hath XXXI. dayes

- First quarter the 8 day, 36 min. after 4 in the Morn.
- Full moon the 15 day, 52 min. after 1 in the morn.
- Last quarter the 21 day, 8 min. after 7 at night.
- New moon the 29 day, 26 min after 6 at night.

At Cards, or Dice now maist thou freely Play,
For Recreation, not thy State away.

1	f	Daniel B.	20	11	6	πε	9	h	6	32	Ω	δ	ε
2	g	Bibiana V.	21	12	18		2	u	18	43	§	Frosty	and
3	a	Lucius K.	22	13	29		52	δ	22	38	πε	fair	Weather.
4			23	15	12	ππ	0	φ	23	1	m		
5	c	Sabbns A. B.	24	16	23		43	ε	24	25	τ		
6	d	Nicholaus	25	17	5	κ	45	h	6	17	Ω	begins	the
7	e	Ambrose.	26	18	18		4	u	18	11	§	month,	and
8	f	Concep M.	27	20	0	ν	29	δ	26	33	πε	continues	so
9	g	Leocadia	28	21	13		38	ε	29	12	m	to the	10 or
10	h	Malchijades	29	22	27		1	φ	18	13	τ	12	day.
		in Advent.											
11	c	Elfrēde V.	0	23	10	ρ	54	h	6	2	Ω		
12	d	Lucia V.	1	25	25		14	u	17	35	§		
13	e	Mimborine	2	26	9	II	59	δ	0	28	ππ		
14	f	Ember w.	3	27	25		3	φ	5	13	z		
15	g	Ananias.	4	29	10	§	16	ε	15	30	τ	Rain.	
16	h	O Sapientia	5	30	25		27	h	5	42	Ω	δ	ε
17	a	in Advent.	6	31	10	Ω	33	u	16	52	§	δ	h
18			7	33	25		e4	δ	4	24	ππ	snow	and
19	c	Nemethins	8	34	10	πε	14	ε	11	25	τ	turbulent	
20	d	Julianus	9	35	23		21	ε	16	43	z	Wind.	
21	e	Thomas	10	37	6	π	49	h	5	22	Ω		
22	f	Hildeleide V	11	38	19		51	u	16	15	§		
23	g	Victoria V	12	39	2	m	32	δ	8	22	ππ	Dark	foggy
24	a	Adam & Ev.	13	40	14		50	φ	17	39	τ	and	cloudy
25		Christi nat.	14	42	29		8	ε	20	32	τ		
26	c	S. Stephen	15	43	9	τ	12	h	5	0	Ω		
27	d	E. John E.	16	44	21		22	u	15	32	§	δ	ε
28	e	H. Innocen.	17	45	3	ν	5	δ	12	20	ππ		
29	f	Tho. Cant.	18	47	14	ν	55	ε	23	54	τ	rain	
30	g	Eustacius	19	48	26		48	ε	25	53	τ	o	β
31	a	Silvester	20	49	8	ππ	42						

DECEMBER 1591.

(21) St. Thomas, and our Saviour (25) *Jesus Christ*,
 (26) St. Stephen, and (27) St. John the Evangelist;
 And (28) the *Innocents* their days do hallow,
 And as they led the Way, God grant us follow.

1	3	48° 8'	103	50	First ♀ in Orion's Girdle S. at 12 ^h 11 ^m b
2	4	35° 8'	113	49	Twilight ends at 6 at night. 12 ^c
3	5	24° 8'	123	48	Daylight turned 8 hours 48 min. 13 ^d
6	128	123	48		14 ^e
5	7	08	133	47	Wagoners shoulder S. 12 ^f
6	7	48° 8'	133	47	Orion's right shoulder S. 12 ^g
7	8	35° 8'	133	47	Of mirth now take thy fill. 17 ^a
8	9	24° 8'	133	47	For mirth with measure can produce 18 ^b
9	10	128	133	47	no ill. 19 ^c
10	11	08	133	47	Daylight turned 8 h. 42 m. 20 ^d
11	48° 8'	133	47	Shortest day 1 h. 34 m. long. 21 ^e	
12	12	35° 8'	133	47	The ☽ rises S. E. half a Point Ea. 22 ^f
13	1	24° 8'	133	47	Merly, and sets S. W half a point 23 ^g
14	2	128	133	47	Westerly, having amplitude from 24 ^a
15	3	08	133	47	the East and West southerly 4 de 25 ^b
16	3	48° 8'	133	47	grees his meridian altitude being 25 ^c
17	4	35° 8'	123	48	only 4 degrees, and so the reflex 27 ^d
5	24° 8'	113	49	of his beams can yield but little 28 ^e	
19	6	128	103	50	heat to the inhabitants of these 29 ^f
20	7	08	93	51	Northern climates. 30 ^g
21	7	48° 8'	83	52	31 ^a
22	8	35° 8'	73	53	32 ^b
23	9	24° 8'	63	54	Feast not the rich ones. 2 ^c b
24	10	128	53	55	betw. Neighbours poor. 3 ^d f
11	08	53	55	So God will bless thee and 4 ^e	
25	11	48° 8'	43	56	increase thy store. 5 ^f e
27	12	35° 8'	43	56	Day lengthened 18 min. 6 ^g f
28	1	24° 8'	33	57	Castor South at 12 ^h w ^l clock. 7 ^a g
29	2	128	33	57	8 ^b a
30	3	08	23	58	Little Dog South at 12 ^c 9 ^b b
31	3	48° 8'	23	58	Great Dog south at 12 ^c 10 ^b c

The Dominion of the Moon over the Parts of Mans

Head and Face.

♈ Neck and
throat

♉ Breast, sto-
mack and
ribs

♊ Bowels
and belly

♋ Secret
members
♌ Knees

♊ Arms and
shoulders

♋ Heart and
back

♌ Reins and
loyns

♍ Thighs

♎ Legs
♏ Feet



♍ The eager Ram rules both the Head and Face ;
♉ The Neck and Throat is sullen Taurus's place,
♊ Resembling Twins the Arms and Shoulders guide,
♋ The slow-pac'd Crab, the breast, the spleen, and side.
♌ The Heart and Back's the gen'rous Lion's share,
♍ The Bashful Maid of Belly and Bow'ls takes care,
♎ To the just Ballance Reins and Loyns belong,
♏ The Secret's govern'd by the Scorpion.
♐ The ivory Thighs the Archer doth affect ;
♎ The Goat our complemental Knees protect,
♏ The nimble Legs t' Aquarius lot doth fall :
♐ The active Feet to Pisces, and there's all.

Thus doth the vertue of these Signs superiour,
Rule o're the Bodies of poor Wights inferiour ;
But both are govern'd by God's sovereign might,
He's happy then that understands them right.

Sapiens dominabitur Astris.

A Table for the Purchase of Leases of
Lands, or Houses, ready cast up at
5 l. 6 l. 8 l. and 10 l. Per Cent.
Compound Interest.

At V Per Cent.	At VI Per Cent.	At VII Per Cent.	At X Per Cent.
Years Mon.	Years Mon.	Years Mon.	Years Mon.
1 6	11 0	11 0	0 11
2 1	10 1	10 1	1 9
3 2	9 2	8 2	2 7
4 3	7 3	6 3	3 4
5 4	4 4	4 4	3 4
6 5	5 5	5 5	4 4
7 8	6 6	5 5	5 5
9 9	9 1	6 6	5 5
10	7 7	6 6	6 6
11	8 7	7 7	2 6
13	9 8	8 7	7 7
15	10 9	9 8	7 7
17	11 9	10 9	8 8
19	12 9	11 9	1 7
21	12 1	11 1	0 8
23	13 1	12 1	8 8
25	14 1	13 1	9 9
27	14 2	13 2	8 9
29	15 2	13 2	9 9
31	15 7	13 13	4 9
41	17 1	15 1	11 9
51	18 3	15 9	3 9
61	18 11	16 2	4 10
71	19 4	16 5	5 10
81	19 7	16 6	6 10
91	19 9	16 7	6 10
Fee.	20 0	15 8	6 10

A Table of Interest at 6 per Cent.

L. b. 1. M.	1. Month			2. Months			3. Months			4. Months			5. Months			6. Months			
	l.	b.	d.	l.	b.	d.	l.	b.	d.	l.	b.	d.	l.	b.	d.	l.	b.	d.	
1000	5	0	0	10	0	0	15	0	0	20	0	0	30	0	0	30	0	0	
500	2	10	0	5	0	0	7	10	0	10	0	0	15	0	0	15	0	0	
400	2	0	0	4	0	0	6	0	0	8	0	0	12	0	0	12	0	0	
300	1	10	0	3	0	0	4	10	0	6	0	0	9	0	0	9	0	0	
200	1	0	0	2	0	0	3	0	0	4	0	0	6	0	0	6	0	0	
100	0	10	0	1	0	0	1	10	0	2	0	0	3	0	0	3	0	0	
900	0	9	0	0	18	0	1	7	0	1	16	0	2	14	0	2	14	0	
800	0	8	0	0	16	0	1	4	0	1	12	0	2	8	0	2	8	0	
700	0	7	0	0	14	0	1	1	0	1	8	0	2	2	0	2	2	0	
600	0	6	0	0	12	0	0	18	0	0	1	4	0	1	16	0	1	16	0
500	0	5	0	0	10	0	0	15	0	0	1	0	0	1	10	0	1	10	0
400	0	4	0	0	8	0	0	12	0	0	0	16	0	1	4	0	1	4	0
300	0	3	0	0	6	0	0	9	0	0	0	12	0	0	18	0	0	18	0
200	0	2	0	0	4	0	0	6	0	0	0	8	0	0	12	0	0	12	0
100	0	1	0	0	2	0	0	3	0	0	0	4	0	0	6	0	0	6	0
90	0	10	0	0	1	9	0	2	7	0	3	7	0	5	0	5	0	5	0
80	0	9	0	0	1	7	0	2	4	0	3	2	0	4	0	4	0	4	0
70	0	8	0	0	1	4	0	2	0	0	2	9	0	4	0	4	0	4	0
60	0	7	0	0	1	2	0	1	9	0	2	4	0	3	0	3	0	3	0
50	0	6	0	0	1	0	0	1	6	0	2	0	0	3	0	3	0	3	0
40	0	5	0	0	0	9	0	1	2	0	1	0	0	2	0	2	0	2	0
20	0	3	0	0	0	7	0	0	10	0	0	1	2	0	1	0	1	0	0
10	0	2	0	0	0	5	0	0	7	0	0	0	9	0	1	0	1	0	0
10	0	1	0	0	0	2	0	0	3	0	0	0	4	0	0	0	0	0	0

The Use of this Table.

Example, To find the Interest of 70 l. for 6 months: First, 70 l. in the first Column, and right against it, in the Column of 6 months, is 2 l. 2 s. and so much is the Interest. For the Interest of the same sum in 9 months, look for the Interest in 6 months, which is 1 l. 1 s. this add to the Interest for 6 months, the sum is 3 l. 3 s. the Interest of 70 l. in 9 months. Also to find the Interest of 75 l. for 3 months: First, look the Interest of 70 l. for 3 months, which is 1 l. 1 s. Likewise the Interest of 5 l. for 3 months, is 1 s. 6 d. this added to 1 l. 1 s. maketh 1 l. 2 s. 6 d. which is the Interest of 75 l. for 3 months.

Or

BOWKER, 1681.

OF THE

FOUR QUARTERS,
Or SEASONS of this
YEAR 1681.

Of the *Vernal or Spring Quarter.*

This Quarter commenceth upon Wednesday the 9th of March, at 38 min. after 8 at night, at which time the Sun enters into the first scruple of the Northern Äquinoctial Sign *Aries*, making the days and nights to be of equal length all the World over; except in the two Frigid Zones, where they have continual day, and consequently continual night for many Weeks or Months together, according as they are removed from either Pole. — The proper nature and quality of this Quarter is *hot and moist*: *Hot* in respect of the Sun's ascending, and *moist* in respect of the Winters vicinity.

Now do the Birds begin to warble forth
Sweet Notes, to welcome Phœbus to the North:
He to requite them, cloatheth with rich green,
All Trees and Plants which erst were russet seen:
And by his quickning vertue, doth produce
A new supply of all things for man's use.

Of the *Aestival or Summer Quarter.*

This Quarter taketh its beginning upon Friday the 10th of June, at 50 m. after midnight; the Sun having then arrived to his farthest Northern Declination, and is entering into the Northern Tropical Sign *Cancer*; making the days longest, and the nights shortest, to all the Northern Inhabitants of the World; and the contrary to those that possess the Southern Hemisphere. The Nature of this Season is *hot and dry*.

Now do the Fields with barded Grain waxe white,
And Husbandmen o' jy'd to see the sight :
Up Slagard, sleep not, nek' ye baste to Hay ;
Whil' Tican b'atib, work without delay.
For carefull Husbandts, that intend to thrive,
Mist with the Bee, bring Honey to the Hive.

Of the Autumnal or Harvest Quarter.

Autumn begins this year upon Monday the 12th of September, at 51 min. after 2 in the Afternoon, the Sun at that time entering into the Southern Äquinoctial Sign Libra, making again the day and night of equal length all the World over ; and is now beginning to take his Journey Southward towards the Antarick Pole. This Quarter is naturally cold and dry.

Now Sol from his Imperial Throne descendeth,
And tow'ards th' Antarick Po'e his Journey bendeth :
At whose departure, ev'ry Plant and Tree,
For grief, doth cast aside its bravery.
And sadly mourning, cannot like nor thrive,
Till he return, and them again revive.

Of the Hymnal or Winter Quarter.

The Winter Quarter begins this year upon Sunday the 11th of December, 40 min. after 2 in the morning ; the Sun being then arrived to his greatest Declination from the Äquinoctial Southward, and is entered into the Southern Tropical Sign Capricorn ; making the shortest days and longest nights to the Northern, and the contrary to the Southern Inhabitants. This Quarter is naturally cold and moist.

See how the silly sapless Trees do shiver,
For want of Kingly Sol their comfort giv'r ;
And how Dame Flora in her Mother Earth,
Doth shroud her self from blust'ring Boreas's breath :
And dares not peep, until he back return
To quick Mortals, dead with Hyem's spurn.

Bowker, 1681.

Of the Eclipses this Year 1681.

There will be Four Eclipses this Year, Two of the Sun and as many of the Moon; of which only One, and that of the Moon, will be seen by the Inhabitants of these *British Islands*.

The First Eclipse is of the *Moon*, and happeneth upon the 22th of *February*, at 11 before Noon, and so cannot be seen of us; but will be visible to our *Antipodes*, near their *Meridian*.

The Second is of the *Sun* upon the 10th of *March*, about 1 in the Morning; this cannot be seen of us neither; but it will be conspicuous to our *Antipodes* also.

The Third will be a Visible and Total Eclipse of the *Moon*, and it will happen upon the 19th of *August*. It will

Begin 40 min. after Midnight.

The Middle or greatest Darkness (for it will be totally darkened) will be at 22 min. after 2 in the Morning.

The End will be at 4 min. after 4 in the Morning.

The whole Duration of the Eclipse, from the Beginning to the End, will be 3 hours 24 min.

The Fourth Eclipse will be of the *Sun*, on the 2 of *September*, near 3 in the Morning, and so cannot be seen of us; the *Sun* being then under our *Horizon*.

An Account of the Common Notes and
Moveable Feasts mentioned in the Kalen-
dar every Year, and the reason of their
Constitution and Observation.

I. Of the Common Notes.

The Common Notes are, (1) *Auris Numeris*, or, *The Golden Number*. (2) *Epactus*, or the *Epact*. (3) *Cylus Solis*, *The Circle of the Sun*.

1. *The Golden Number* is the Periodical Revolution of 19 Years, in which time, the Ancients did suppose that all the Conjunctions and other Aspects, between the Sun and Moon, did return and happen in the same Signe and Degree of the Ecliptick in which they were 19 years before; but that supposition hath been found to vary: for there is an Anticipation of an hour and a half in that time. This Circle is called *Decem-novembris Circulus*, whose XIX several parts are called *The Golden Number*, for the excellent use it hath in finding out of things relating to the Moons Motion, so that it was sent to Rome Written in *Golden Letters* upon a *Table of Silver*.

2. The *Epact*, This Number never exceedeth 30, and riseth from the excess of the common *Solar Year* above the common *Lunar Year*; the one containing 355 days, and the other but 354 days: from which difference of Eleven days cometh the *Epact*, which is added to the *Lunar Year*, to make it equal to the *Solar*; from hence cometh the word *Epactæ*, which the Greeks call *ἐπαὔτη*; which signifies *Intercalare, vel Addere*, for 11 added to the *Epact* of any Year, giveth the *Epact* for the Year ensuing, if under 30, if above 30 must be abated.

3. *Cylus Solis*, *The Circle of the Sun*. This Circle is Revolved once in 28 years, and it was invented rather to find thereby the *Dominical* or *Sunday Letter* in every Year of its Revolution, then to shew any changes of the Suns Motion: For in 28 years is contained the varieties and changes the *Dominical* or *Sunday Letters* can have.

II. Of the Moveable Feasts and Fasts, are,

1. **S**epuagessima, so called of 70, which the Church observes in commemoration of the 70 days that the Israelites were under the Babylonish Servitude.

2. **Sexagesima** was another Week which the Ancients added to the former Fast.

3. **Quinquagesima**, commonly called **Shrove Sunday**, is 50 days before **Easter**. It is also called **Esto mibi**, from *Psal. 30. 3. Esto mibi in Deum protectorum*, &c. And because there are but 36 days, besides Sundays, in the **Quadragesimal Fast**, which begins the next Sunday following, there are some days of this Week added, namely **Wednesday**, **Thursday**, **Friday**, and **Saturday**, to make them up 40.

4. **Quadragesima**, is Celebrated 40 days or Six Weeks before **Easter** (which is called the time of **Lent**:) And this Fast the Church observes (1) In Remembrance of the 40 days that **Moses** Fasted when he received the Divine Law. (2) In Imitation of the 40 days that **Elias** Fasted. (3) And Principally, in Commemoration of the 40 days that our Saviour Fasted, before the Tempter came. This Fast of **Lent**, is also called **Invocavit**, from *Psal. 90. 15. Invocavit me, & ego exaudivum eum.*

5. **Dies Cinerum**, called commonly **Ash Wednesday**, was so dedicated by **Gregory the Great**; because on that day the Priests used to sprinkle Ashes upon the Heads of the People, to put them in mind of their Mortality; uttering these Words, *Memento Homo quod cineres, & in cinerem reverteris*, &c. And this day is the head and beginning of the **Quadragesimal Fast**.

6. **Reminiscere**, from the Words of the 25 **Psalm**, ver. 6. *Reminiscere miserationum tuarum Domine & misericordium tuarum, qua à seculo sunt.*

7. **Oculi**, from the 15 and 16 Verses of the same **Psalm**. *Oculi mei semper ad Dominum, &c.*

8. **Judica**. from the 1, 2 and 3 Verses of the 43 **Psalm**, *Judico me Deus, & discerne causam meam, &c.*

9 *Dominica Magna*, *Sancti Pavonis*, or the great *Lord's Day*, St. Christopher gave it this Name, because of the ineffable good things which befel the faithful in the following Week: *Death being abolished, Malediction taken away, and the Tyranny of the Devil loosed by the death of Christ.* It hath also the name of *Palm Sunday*, from the Branches of *Palms*, which the Jewish People strewed on the ground when our Saviour entered into the City of *Jerusalem*.

10 The Wednesday after is the *Council Day* of the Scribes and Pharisees, when they most wickedly conspired the death of our Blessed Saviour; *Math. 26. ver. 3. Tunc congregati sunt Principes, Sacerdotum, &c.*

11 The next day, being *Thursday*, is the day of preparation of the *Legal Passover*, in the Evening whereof was the Institution of the Supper. This is called also *Maunday Thursday*, from *Mandite*, in Imitation of our Saviour, who as on this Night after the *Last Supper*, and before his Institution of the *Sacrament*, washed his Disciples Feet, *John 13. 5.* After which he gave them this *Mandate*, *John 13. 34. Mandatum novum do vobis, ut diligatis invicem, sicut deloxi vos.*

12 The next day is *Good Friday*, being the day of the *Passion and Cross of Christ*, whereon he suffered for the Sins of the whole World.

13 The Sunday following is celebrated the *Pascal Feast*, or *Feast of Easter*, in memory of the *Resurrection* of our Saviour.

Immediately after Easter follows

14 The *Quinquagesimal Time*, or interval of 50 days between *Easter* and *Pentecost* or *Whitsunday*. Which time was kept by the Primitive Christians with great joy, as one Entire *Feast* and *Solemnity* in Remembrance of the glorious *Resurrection* and *Ascension* of Christ, and *Mission* of the *Holy Ghost*.

It containeth Six Sundays, viz.

15 *Low Sunday*, or rather *Quasimodogeniti*, from *1 Pet. 2. 2.* It is also called *Dominica in Albis*, because

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cause that as the Angels appeared at the Resurrection in White and Shining Garments: And so of old, such as were Baptized on Easter day, did wear all the week after White Garments.

16 *Misericordia*, from Psalm 32. 5, 6. *Misericordia Domini plena est Terra*, &c.

17. *Jubilate*, from the Entrance of the 65 Psal. 1. *Jubilate Deo omnis Terra*, &c.

18 *Cantate*, from the Entrance of Psalm 97. 1. *Cantate Domino canticum novum*, &c.

19 *Vocem iucunditatis*, from the like Entrance it is also called *Dominica Rogationum*, *Rogation Sunday*, and all the Week following *Rogation Week*; in which Week *Perambulations* or *Processions* are made in every *Parish*, to view the bounds and limits of the same.

20 On the Thursday following is Celebrated the Feast of the *Ascension of our Lord*, which is the *Consummation* of all he did whilst he was upon Earth, and is therefore termed *Felix clausula totius itinerarii Filii Dei*.

21 *Exaudi*, from those Words Psal. 37. v. 2. *Exaudi Domine*, &c.

22 The Sunday following is the *Solemnity of Pentecost*, which as it was of old celebrated by the Jews the Fiftieth day after the *Pasceover*, in Memory of the *Divine Law* promulgated in Mount *Sinai*; so it is now observed by us Christians, the 7th Sunday after *Easter*, to Commemorate the *Mission of the Holy Ghost* on this day; who is the best Interpreter of the *Divine Law*.

22 On the Sunday following is Celebrated the *Feast of the Holy Trinity*, which was Instituted by *Gregory the 4th*. A.D. 827, in Honour of the *Holy Trinity*.

23 The next Thursday is Celebrated the *Festivity of the Body of Christ*, commonly called *Corpus Christi*, which was the 4th B. of *Rome* Instituted about the Year of Christ 1264.

24 Lastly, The Four Sundays, which next and immediately precede the *Nativity of Christ*, are called the *Sundays of Advent*: The First of them is Celebrated in *Requiem*.

Remembrance of the Entrance of the Messiah into Jerusalem. The Second from his coming to Judge the World at the last day. The Third from his coming to the Ministry, whose fore-runner was John. The Fourth for a Preparation to the coming of Christ.

Thus have you a brief account of the signification of the several *Movable Feasts* and *Feasts Solemnised* by Christians throughout the Year.

*A Discourse concerning the Poetical
Rising and Setting of the Fixed Stars.*

V I Z.

The { *Cosmical* }
 { *Achronical* }
 { *Heliacal* } Rising and Setting.

I. *Of the Cosmical Rising and Setting.*

A Star is said to rise Cosmically, when it riseth when the Sun riseth, or with that degree of the Ecliptick in which the Sun then is. — The Cosmical setting, is when a Star setteth in the morning, or goeth down under the West Horizon in the morning, at such time as the Sun is rising in the East.

II. *Of the Achronical rising and setting.*

A Star is said to rise Achronically, when it rises in the Eastern part of the Horizon, at such time as the Sun is setting (or going down) in the Western part of the Horizon.—

The

The Achronical setting is when a Star setteth or goeth down with the Sun.

III. *Of the Heliacal rising and setting.*

A Star is said to rise Heliacally, when having been sometime Combust (or hid under the Sun beams) begins now to appear, it being at a greater distance from the Sun. And --- A Star is said to set Heliacally, which hath some small time before been seen, but now (by its near approach to the Sun) becomes Combust and hidden under the Sun beams.

Now to know when a Star begins to become Combust, and when to be freed from his Combustment, no certain Rule can be given; for the Magnitude of the Star, the difference of the Climate; the cloudiness or serenity of the Air, may much alter, but the Opinion of the Ancient Astronomers was, that,

A Star	<table border="0"><tr><td>1</td><td></td><td>12</td><td></td></tr><tr><td>2</td><td></td><td>13</td><td>degrees</td></tr><tr><td>3</td><td></td><td>14</td><td>below</td></tr><tr><td>4</td><td></td><td>15</td><td>the Ho-</td></tr><tr><td>5</td><td></td><td>16</td><td>rizon.</td></tr><tr><td>6</td><td></td><td>17</td><td></td></tr></table>	1		12		2		13	degrees	3		14	below	4		15	the Ho-	5		16	rizon.	6		17	
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But those which be only Nebulous, cannot be seen till the Sun be 18 degrees under the Horizon.

A Table shewing the time of the Year
when 50 Eminent Fixed STARS
do Rise both Cosmically and
Achronically.

The Names of the STARS.	Cosmical Rising	Achronical Rising
Marchabi Pegasi	Janu. 1	March 9
Right Shoulder of Aquarius	6	Febr. 14
The extream ✸ in the wing of Pegas.	28	19
Following the tail of the Goat	Febr. 5	Janu. 26
Bright star in the Rams Head	March 2	April 20
The following horn of the Ram	5	15
The former horn of the Ram	April 10	13
North tail of the Whale	12	March 19
The brightest of the Pleiades	22	May 10
The star in the knot in the Net of X	May 1	April 29
North horn of the Bull	15	June 7
North eye of the Bull	20	May 12
Belly of the Whale	23	March 16
Aldebaran the Bull's Eye	27	May 11
South horn of the Bull	June 5	June 17
Hercules, or the lower head of Gem.	21	July 20
Bright foot of Gemini	25	June 5
Middle star in Orion's Girdle	July 2	May 4
North Asellus	12	July 25
Presepe	14	19
South Asellus	17	17
Procion, the lesser Dog	18	June 6
Palilicium, Cyrius, or Great Dog	30	May 2

Lion

Lion's Heart	Aug. 8	August 9
Lion's Back	10	October 19
Hydra's Heart	20	June 16
Lion's Tail	22	October 16
<i>The Hare's Thigh</i>	Sept. 9	April 14
Vindemiatrix	13	Novem. 8
Arcturus	15	Decem. 13
<i>Virgins Girdle</i>	19	October 18
<i>Bright star of the Crown</i>	28	January 7
Spica Virginis	Octob. 3	Septem. 24
Right shoulder of Hercules	6	January 9
Left shoulder of Hercules	10	21
Head of Hercules	21	8
North Ballance	21	Novem. 17
South Ballance	23	October 24
Swans Bill	31	Februa. 16
Right shoulder of Ophiucus	Nov. 5	Janua. 4
Left knee of Ophiucus	6	Decem. 6
Lower Wing of the Swan	4	March 11
Vulture's Tail	11	Janua. 27
Right Knee of Ophiucus	16	Decem. 6
Scorpion's Heart	22	Novem. 4
<i>The Eagle</i>	25	Decem. 31
Skeat. Pegasus Wing	Dec. 11	March 24
Girdle of Andromeda	22	April 29
Head of Andromeda	25	6
Upper Horn of the Goat	25	January 14

The Old Grecians, and after them the Latines, before *Julius Caesar* especially, designed the Sealons of the Year by the rising and setting of some notable Fixed Stars, as appeareth by *Hesiod* in his Second Book of Weeks and Days: Some few of his Georgical Canons are in part Translated out of Greek by the Reverend Mr. *John Palmer*, Rector of *Eaton* in *Northampton Shire*, in his Catholick Planisphere. One or two whereof are as followeth:

When

When the Pleiades Rise, begin to Mow, and to Plow when they Set. Also Sixty days after the Winter Tropick A^ust^rus Rises Achronically, and then appears the Swallow, the Spring being then now begun.

These and the like Rules, were the Husbandmens Almanack, by which they measured the Solar Year and the return of the Seasons: For in their Civil Year, consisting of Lunar Months, by reason of an intercalary Month added every Third Year, and somewhat oftner, the Seasons could not happen upon the same day of the Month Yearly, but sometimes 2 or 3 Weeks sooner or later, even as our Moveable Feasts do.

The Rising and Setting of the Fixed Stars keep the same distance yearly from the Equinoctial and Solstitial Points for a Mans Age near enough; for in a 100 Years the Stars go forward in Longitude but 1 deg. 25 m. (according to Tycho) by reason whereof the Rising and Setting of the Stars happen later in the Year, about a day and an half every 100 Years in the same Latitude. By this you may see that these old Astrological Rules left us by *Hesiod*, *Cato*, *Ovid*, *Aratus*, *Varr^o*, *Virgil*, *Pliny*, *Ptolemy*, and other Ancient Authors, cannot serve for our Age, nor for every Latitude. And therefore, the best use that can be made of them is to help to rectify Chronology, for by these means *Historians* may be the more confident of the time when any of these Famous Men or others lived, of which more hereafter, for to this Years Essay I shall put

A N E N D.

ADVERTISEMENTS.

There are lately published two *Celestial Hemispheres* upon the Plain of the Equinoctial, into a Circle of two Foot and a half Diameter, which contains the Stars only, besides the Zodiack, and other Circles without the same: in which are divers amendments, both in the Northern and Southern Hemispheres; having for the Southern followed

lowed the Observations of Mr. *Edmund Halley*, made at
St. Helena in the year 1677. He hath now caused the
Constellations to be curiously designed, by an Exquisite
Hand, and the Stars curiously engraved in their proper
Places and true Magnitudes, and drawn all the Circles
necessary, to shew, by ocular inspection, the true Longi-
tude, Latitude, Right Ascension and Declination of e-
very Star, as well in its proper place, as in its Constella-
tion: And hath filled up all the Corners of the same with
such other Projections as are most instructive for the
understanding the Principles of *Astronomy*, to wit the
Copernican System, and the true Proportional Magnitudes
of the Celestial Bodies one to another, and their appa-
rent Magnitudes: as also those of *Tycho* and *Ptolemy*, after
the same manner: Together with the apparent Faces of
the Moon, as seen through a Telescope. The which
Hemispheres are to be sold by *R. Morden* at the *Atlas* in
Cornhill, and *W. Perry* at the *Globe* by *Charing Cross*.

GE O G R A P H Y Rectified, or the World described,
according to the more accurate Observations and Dis-
coveries of Modern Authors, in all its Kingdoms, Pro-
vinces, Countreys, Islands, Cities, Towns, Seas,
Rivers, Bays, Capes, Ports; their Ancient and pre-
sent Names, Inhabitants, Situations, Histories, Customs,
Governments, &c. as also their Commodities, Coirs,
Weighys, and Measures compared with those at *London*,
Illustrated with above 60 New Mapps. By *Robert Morden* at
the *Atlas* in *Cornhill*. *London* price 6s.

WHENCE since the decease of Dr. *Lockyer*, many
have been at a loss to know where his true Uni-
versal Pill is to be had; which is so famous in all his Ma-
jesties Dominions and Plantations, by the cures it hath
wrought in the Scurvy, Dropie, Stone, Consumption,
Aches and Larenels of the Limbs, all sorts of Agues and
Fevers, Gripings of the Guts, &c. This is to certify that
it is only prepared by Mr. *Wates* his Nephew in *St. Thom-
as's Southwark*; and Mr. *Fyze* Apothecary without
Bishop's Gate, London, whom he appointed his only Tru-
stees for the same after his Death.

ADVER-

Bowker, 1681.

ADVERTISEMENT.

There was lately *Proposals* made by Will-
iam Leybourn, concerning the Printing
and Publishing a Book in Folio, entituled,

DIALLING

Plain, } Projective,
Concave, } Reflective,
Convex, } Refractive.

And how to adorn them with all Useful
Furniture, relating to the Suns Course, A-
rithmetically, Geometrically, Instrumental-
ly, and Mechanically performed.

The Proposals may be seen on the North
Entrance into the *Royal Exchange*, and
may be had *gratis* at the Dwellings of
Walter Hayes at the *Cross Daggers* in *Moor
Fields*,
William Berry at the *Globe* near *Charing
Cross*,
Henry Wynne over against the *Roles* in *Char-
cery-lane*,
Richard Dutton at the *Sun-Dial* in *Holbourn*,
Robert Morden at the *Atlas* in *Cornhill*.

Who will receive *Subscription Money* any
time before the Finishing of the Book,
according to the same *Proposal*.

F I N I S.

